

St. Joseph's School

Online Model Test – 2020

Class: IX

Subject : English 1st Paper

Sub. Code		
1	0	7

Time : 3 hours

Full Marks : 100

Part—A : Reading Test (Marks-50)

Read the passage and then answer the questions below:

A responsibility is a duty or an obligation TO DO something. For example, you have the responsibility to take care of your parents in their old age, to attend school and pursue your studies properly and so on. You have also responsibility to society and the government e.g. to help a neighbour in trouble or to cast your vote if you are 18 or over.

A responsibility is also an obligation or a duty NOT TO DO something. For example, you have the responsibility not to steal a book from a public library or not to pile up your building materials on the footpath. These are your responsibilities as citizens. But there are responsibilities of the government as well. Our government has the responsibilities to provide for its citizens “the basic necessities of life, including food, clothing, shelter, education and medical care” I. The government also has the responsibilities to protect the religion equality of all before law 2, etc.

The knowledge, skills and attitudes you have gained at home, at school and in society will help you be ware of your responsibilities and to carry them out effectively. Remember, discharging your responsibilities will be good for you good for your family and friends and good for your society and country as a whole.

1. Choose the correct answer from the alternatives.

1×7=7

(a) The word ‘discharge’ means—

- (i) disparity (ii) deserve (iii) perform (iv) prescribe

(b) The word ‘the press’ means-

- (i) television (ii) newspapers (iii) printing press (iv) pressure

(c) The government has the responsibility to-

- (i) ensure job for all citizens (ii) protect the fundamental rights of its citizens
(iii) help the citizen to earn more and more money (iv) above all

(d) Discharging one’s responsibility will be-

- (i) good for himself only (ii) good for his family only
(iii) good for his society only (iv) good for all

(e) The main purpose of the author of this passage is-

- (i) to state the responsibilities of the citizens
(ii) to portray the responsibilities of the government
(iii) to highlight the responsibilities of family, friends and society
(iv) to sketch the responsibilities of the citizens and the government

(f) The things by which a citizen can carry out his responsibility are-

- (i) knowledge, skill and attitude (ii) proper education
(iii) proper training (iv) good manners

(g) Knowledge, skills and attitudes help a citizen to—responsibilities.

- (i) carry away (ii) carry off (iii) carry on (iv) carry out

2. Answer the following questions.

2×5=10

- (a) What do you understand by responsibility?
(b) What are the roles of knowledge, skills and attitudes gained by a citizen at different institutions?
(c) What are the duties of a citizen as mentioned in the passage?
(d) What are the fundamental rights of the citizens as narrated in the passage?
(e) What will happen if you discharge your duties effectively?

3. Read the following text and fill in each gap with a suitable word based on the information from the text. 1×5=5

21st February is observed as ‘Shaheed Dibash’ every year throughout the country in remembrance of the martyrs of language movement of 1952. The occasion begins at the early hours of the day with mourning songs that recall the supreme sacrifices of our language martyrs. People wear black badges and go to the Shaheed Minar bare footed in Procession Singing Mourning songs. They place wreaths at the Minar. Many of them visit the graves of the martyrs of Azimpur grave yard and pray for them. They also attend various programmes organized in remembrance of the language martyrs.

The UNESCO (United Nations Educational, Scientific and Cultural Organization) on 17th November in 1999 proclaimed February 21 as the International Mother Language Day in recognition of the sacrifices of the martyrs of their rightful place of Bangla. The day is now annually observed world wide to promote awareness of linguistic and cultural diversity and multilingualism.

Questions:

People (a)—21 February as Shaheed Dibosh every year throughout the country to remember the country of the martyrs of the language movement of 1952. People get up early in the morning. They walk (b)—to the Shaheed Minar (c)—black badges they, go to the Shaheed Minar singing the morning song ‘Amar Vaier rokta rangano’. They (d)—homage to the memory of the martyrs. They offer flowers at Shaheed Minar to show their profound (e)—.

4. Read the passage on Munshi Abdur Rouf. Complete the following table with information from the passage. 1×5=5

Munshi Abdur Fuf was a Lance Nayek in East Pakistan Rifles during the Bangladesh Liberation War. Munshi Abdur Rouf was born on 1 May 1943 at Salamatpur Village under Boalmarithana in Faridpur District. Rouf had to stop his education at his eight grad. He joined the East Pakistan Rifles on 8 may 1963. He had to increase his age three years in order to get the job. After the preliminary training at the EPR camp at Chuadanga, Rouf went to West Pakistan to receive advance training. He enlisted in the East Bengal Regiment on 8 May 1963. Munchi Abdu Rouf embraced martyrdom on 18 April 1971 at Kurighat in Chittagong Hill Tracts after causing extensive damage to Pakistan Army with his MG and forcing them to retreat. He was

buried at Naniarchor Upazilla in Rangamati District. He was awarded Bir Sreshtho, which is the highest recognition of bravery in Bangladesh.

	Munshi Abdur Rouf				
Main Focus	Our glorious war of Liberation				
Recognition	He was awarded (i)—				
Who/What	Event/Activity	Year	Place/Where	How/Why/ Reason	People Function/Achievement
Munshi Abdur Rouf	born	in 1943	Boalmari Faridpur		
He	joined	(ii)—	the east Pakistan Rifles	increasing his age three years	
He	enlisted	in 1963	(iii)—	during liberation war fought against Pakistani army	
He	(iv)—	in 1971	at Kurighat in Chattogram Hill Tracts		
He	was buried	in 1971	(v)—		

5. Write a summary of the above passage in your own words. 10

6. Match the parts of sentences given in column 'A' 'B' and 'C' to write five complete sentences. 1×5=5

Column A	Column B	Column C
(a) No living being can live without air.	(i) by smoke from mills factories and from carbon monoxide gases	(i) to maintain natural balance
(b) It is constantly being polluted	(ii) which produce smoke	(ii) by burning diesel and petrol
(c) Big cities have thousand of vehicles playing on the roads.	(iii) but it is polluted now	(iii) emitted by motor vehicles
(d) Besides railway engines and power houses burn coal and oil.	(iv) to plant trees everywhere	(iv) in different ways
(e) So, it is high time we took proper steps	(v) which produce a lot of smoke	(v) and thus air is polluted

7. Put the following parts of the story in correct order to make the whole story. Only the corresponding numbers of sentences need to be written. 1×8=8

- During the time when he was the President of America, a civil war took place over the question of slavery.
- He rose from a humble origin.
- As a man, he was simple and kind.
- Lincoln was born in 1809.
- It began in 1861 and continued for more than four years and Lincoln was in favour of the slaves.
- Abraham Lincoln was among the greatest presidents of the United States of America.
- There were many Negro slaves in America in those days.
- Lincoln became great by dint of his own efforts and perseverance.

Part-B : Writing Test : 50 marks

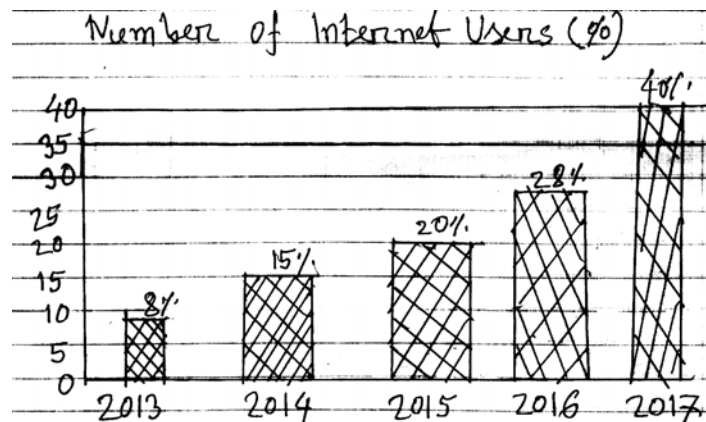
8. Write a paragraph on "Tree plantation" by answering the following questions. 10

- What is tree plantation?
- Why should we plant trees?
- When and where should we plant trees?
- How should we take care of trees?
- What should the government do in this regard?

9. Read the beginning of a story. Write ten new sentences to complete the story. 10

Once there lived a woodcutter in a certain village near a forest. Though he was very poor he was very honest one day while cutting wood-----

10. The graph below shows the number of people using the internet from the year 2015-2019 in Bangladesh. Now, describe the graph in 150 words. You should highlight and summarize the information given in the graph. 10



11. Suppose, you are Masum/Nila of 10, Dhanmondi, Dhaka-1205. You have a friend named Fahim/Fahima who lives in Shylhet. Now, write a letter to him/her describing your hostel life. 10

12. Suppose, you are Venesa. You have a friend named Aldora. Now write a dialogue between you and your friend about how to improve skills in English Language. 10

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1	0	8

Time : 3 hours

Full Marks : 100

[N.B.: Figure in the right margin indicates full marks. Answer all the questions.]

Part—A : Grammar : 60 Marks

1. Fill in the blanks with the words from the box. You may need to change the forms of some of the words. You may need to use one word more than once. $0.5 \times 10 = 5$

the	in	a	for	of	to	make	divide
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Man is the (a)—of his own fate. If he makes (b)—proper (c)—of his time and does his duties according, he is sure (d)—improve and progress (e)—life, but if he does otherwise, he is sure (f)—suffer when it is too late. To waste time is as bad as to commit suicide (g)—our life is nothing but the sum total (h)—hours, days and years. If we waste (i)—morning hours of life. We shall have (j)—repent afterwards.

2. Fill in the blanks with suitable words. $0.5 \times 10 = 5$

Dowry means property on money brought (a)—a bride to her husband when they marry. Dowry system is (b)—most hateful (c)—in our society. It is a social curse. Usually in our society female children are considered inferior (d)—male children. They are thought to be of nouse to the (e)—So, during (f)—ceremony a section of (g)—people claim much wealth money (h)—the guardians of birds. If the guardians fail to fulfil the demand of their (i)—they misbehave (j)—their wives and sometimes torture them seriously.

3. Make five sentences using parts of sentences from each column of the table below. $1 \times 5 = 5$

Education		all the development efforts.
An uneducated man	can	play a role in removing illiteracy.
Illiteracy	is	play a significant role to build up a nation.
An educated man	hampers	a precondition for development.
After all hel she		a burden nation.

4. Complete the following text with the right forms of the verbs given in the box. $0.5 \times 10 = 5$

form	should	mean	maintain	give	be
affect	prepare	influence	use	world	succeed

Student life (a)—the golden season of life. This (b)—the time when we should (c)—ourselves for future. The very habits (d)—in the students life (e)—later phrase life. Right form the students life/ They (f)—be careful in (g)—discipline. They should (h)—their time properly. If they do not use their time, they can't (i)—in life. They should (j)—punctual from student life.

5. Change the narrative style of the following text: 5

We want to go on an excursion. Sir, the students said to the Headmaster. "Where do you want to go?" I think December is the perfect month. "he said to them. The student said, "Will you accord us permission?" "Sure, I will help you heertily." "Thank you sir." "May Allah bless you."

6. Change the sentences according to direction. $1 \times 10 = 10$

- The cuckoo is a bird of very shy nature (Make complex sentence)
- It is not very often seen beside human habitation. (Make affirmative sentence)
- They hide themselves and coo from the high branches. (Make simple sentence)
- Though they are coward, they are clever. (Make compound sentence)
- They lay their eggs in the nests because they are lazy. (Make complex sentence)
- They are cleverer than the crows. (Use positive degree)
- They donot make their nests because they are lazy. (Make simple sentence)
- The crows raise the baby cuckoos. (Use passive voice)
- When the babies grow up they fly away. (Make compound sentence)
- Crows never understand it (Make interrogative sentences)

7. Complete the sentences. $1 \times 5 = 5$

- A teacher is a person who——.
- A teacher who has vast knowledge on his subject——.

- (c) — he must have strong personality.
(d) In spite of maintaining strong personality —.
(e) — he must a clear idea about all subjects.

8. Complete the text adding suffixes, prefixes or the both with the root words given in the parenthesis. 0.5×10=5

Smoking produces (a)—(danger)—effects a man. By smoking a man incurs both physical and (b)—(economy) — loss. The built end of a cigarette often causes a (c)—(devaste)—fire. Smoking is a kind of (d)—(addict)—. Those who become (e)—(addict)—to drag, first begin smoking which is the initial step to addiction. We should raise (f)—smoking—(g)—aware—among our people. It is (h)—(possible)—to stop smoking by giving (i)—(punish)—(j)—(out)—effort from everybody is essential to minimize smoking.

9. Make tag questions of these statements. 1×5=5

- (a) Nobody likes a liar, —? —?
(b) Those who are liar cannot be trusted by others, —? —?
(c) A liar has to lead a miserable life, —? —?
(d) Moreover, telling lies in an unforgivable sin, —? —?
(e) Let us refrain from telling lies, —? —?

10. Complete the passage using suitable connectors. 1×5=5

A mirror was found in a paddy field by farmer. (a)—this farmer. (b)—anybody else in the area had ever seen a mirror (c)—when the farmer baked into the mirror, he was surprised to see a man looking straight at him. Now, this farmer very much resembled his father (d)—had died a few years ago. He thought (e)—it was father.

11. Use capitals and punctuations marks where necessary in the following text. 5

Once upon a time there was an old farmer he lived with his wife and three sons the three sons always quarrelled with one another their parents said stop do not quarrel its bad but they did not listen to their parents.

Part-B : Composition : Marks-40

- 12. Suppose you are Toma/Tomal and you have recently passed MA in English from the University of Dhaka. There is a vacancy advertisement for the post of Assistant English Teacher in Saint Joseph's School. Now, write a CV with a cover letter for the post. Your CV should not exceed one page. 8**
- 13. Write an application to the Headmaster of your school for setting up a canteen in your school. 10**
- 14. Write a paragraph on "A Rainy Day". 10**
- 15. Write a composition on "Duties of a student". 12**

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Abj vBb g#Wj tU ÷ — 2020 vL^a

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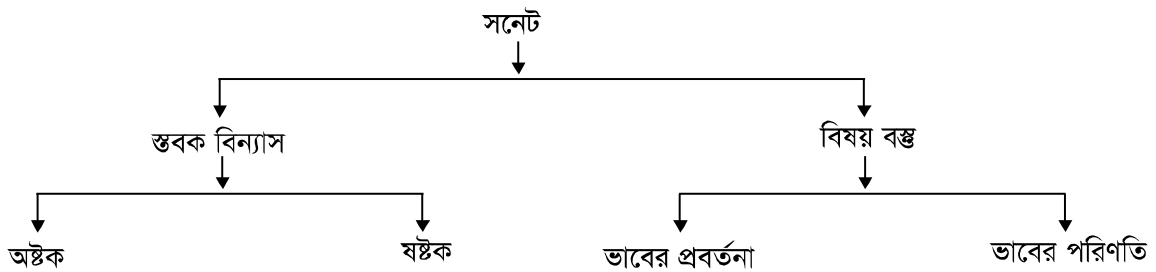
- 1) eev w`etm Avgiv Avi `kUv eevi tPtq Avj`v GKRb eevi Mí tkvbtZ PvB| Zui bvg Zviv wgvq| kvixi K
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K) i ex`bv` VvKi KZ mvtj RbMhY Ktib? 1
L) M0gi wbtm`uK0jvKt`i KvQ c0Zvc wcb cvI wQj tKb? 2
M) 0mfv0 Mti i mfvi eevi ev`eZvi m½ DÍxcKí Zviv wgvqí ev`eZvi Zj bv Ktiv| 3
N) 0c0ZeUx gvbþi i Rxeb msM0g mvaviY gvbþi i Zj bvg AtbK KwWb|00 mfv Mí l DÍxcKí Avtj vtK gše`wU
wePvi Ktiv| 4

- 2) GMvtiv eQti mgbtK Rb`r þi Dcnvi wntmte Zvi eev 0vKi gvi Sij 0 eBvU GtbtOb| tj Lvcovi dutK mgb eBvU
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eev ej tj b, 0Avgv` i M0g Gj vKvq AtbK Mí Kwvbx AhtZ0Aetjvq msi qYi Afvte nwi tq hv`Q| M0gi
mwnZ` Avgv` i msi qY Kiv c0qvRb|
K) AvRKij evsjv mwnZ` KZ Avbv k0ti mwnZ` we`gvb? 1
L) cvj i-c0Z`K citZ citZ mwnZ` 0w0q AvQ-eyStq tj tLv| 2
M) 0DÍxcKí mgb 0vKi gvi Sij 0 eBvUi gZ Avtiv eB AvbtZ etj tQ0-cvj mwnZ` c0U M0gi Avi Kx Kx mwnZ`
mavi AvQ eyv Ktiv| 3
N) mgþbi eevi gZ, M0gi mwnZ` msi qY Kiv c0qvRb- wKš` Kxfvte? cvj mwnZ` c0U Aej þb Dc`vcb
Ktiv| 4

- 3) 16 wWtm`t, en`umZevi, 1971| AvR 12Uvq evsjv`k h`k weiwZi ci gw`tdSR XvKvi ct_ ct_ Gtm tmv`Pvi
ntjv 0Rq evsjv 0 D`Pvi tY| Avj wri KvQ tkvKi | eK tft0 hv`Q| m½` tþLi AbywZ Ktg tMtQ thb, Zey GwK
wknY| Avj wri tZvgvi `vtbi Aš-tbB|
K) 0j ngvq0 ktai A`Kx? 1
L) 0Rvq Aek` evotZ covkvbr Kt00-e`vL`v Ktiv| 2
M) 0GKvEti i w`b`w`j 0 i Pvi welqe`i m½ DÍxcKí welqe`i mv`k` t`Lv| 3
N) 016B wWtm`t, 1971 Avgv` i RvZxq Rxeþi GK gnEg w`b|0-DÍxcK I 0GKvEti i w`b`w`j i Pvi Avtj vtK
gše`wU wePvi Ktiv| 4

- 4) t0vU t0tj Uvi Kqr`b t`tK fxI Y Rij | weaev dj evbyn`mi KtqKuv wWg tetP t0tj i wPukrmv Kivtj I GLb Avi tm
mvg`9 tbB| c0Ztekx Rwi bvi KvQ avi tbte tKgb Kti-AvtMi avi UvB th tkva nqwb|
K) Acj w`w`i bvg Kx? 1
L) 0Avgvi Kvc0 th ewm0-AcyGK`v tKb etj wQj ? 2
M) DÍxcKí 0Avg-AvUj t f0c0 Mti i th w`K dtU DtvQ, Zv e`vL`v Ktiv| 3
N) DÍxcKí dj evbywK 0Avg-AvUj t f0c0 Mti i meRqi c0Z`0we? tZvgvi gZvgZ Dc`vcb Ktiv| 4
L — wefvM: c`vsk

5)



- K) 0Kt0cvZv` q| b` 0 KweZvi i PwqZv tK? 1
- L) mþbtUi `ewk0` e`vL`v Ktiv| 2
- M) DÍxcKí 0Kt0cvZv` q| b` 0 KweZvi mvt_ Kxfvte m`umK? Avtj vPbv Ktiv| 3
- N) mþbtUi GB Mob tmš0e 0Kt0cvZv` q| b` 0 KweZvi t`q`t KZUv mdj? wePvi Ktiv| 4

6| cwk`vb ivtói m̄pótZ evOvj i Ae`vb Acwi mxg| weUk fviZ t`tk `vaxZv cōfSi ci 24 eQi ati AKZÁ
cwk`vb kvmKeM®Avgv`i tK wōi fvtē kvmb KtītQ- tkvly KtītQ| cwi tktl kw³ w`tq, msMōg Kti AMwYZ
kun`ti i ZB Ltj AwZ ntqtQ jvj mefRi cZvKv|

- K) tgNbv b`xi `¶ gwS tK? 1
- L) Rj cvB i tōi U`v tK `vtei mv`_ Zj bv Kiv ntqtQ tKb? 2
- M) ōtZvgvK cvl qvi Rtb`, tn `vaxZvō KweZvq th fveU Dī xc tK d tU D tV tQ Zv e`vL`v Ktiv| 3
- N) Dī xcKwU ōtZvgvK cvl qvi Rtb`, tn `vaxZvō KweZvi AvsukK cōZdj b gvĭ-gšēwU h_v_Žv hvPvB Ktiv| 4

7| ōgvbyl fRtj tmvbi gvbyl nwe|
gvbyl Qvov ¶vcvti ZB gj nviwe|
GB gvbyl Qvov gb Avgvi
come ti ZB kb`Kvi |
jvj b etj gvbyl AvKvi
fRtj Zvti cwe|ō

- K) ōcvšō ktāi A_¶Kx? 1
- L) ōtZvgvi wgvvti Pwoqv fU Mvtn
`v`_¶ Rq|ō-epStq tj tLv| 2
- M) Dī xc tKi wPšwi mv`_ ōgvbyl ō KweZvq KvRx bRi`j Bmj vtgi wPšwi mv`_ k` e`vL`v Ktiv| 3
- N) ōmevi Dcti gvbyl mZ`, Zvni Dci bvB|ō GB mZ` Ašti aviY Ktj GKwU kwšēY®mgvR cōZōv Kiv mæe|
Dī xcK I ōgvbyl ō KweZv Ae j vtb we tK w Ktiv| 4

8| mgq tM tj mvab nte bv
Rv t b v gb Lv t j we t j
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Amgtq KwL KBti wqQv wqWQ tLB tU gti
MvQ hw`nq exRti tRvti dj ati bv
ZvtZ dj ati bv,
mgq tM tj mvab nte bv|

- K) Kx t m t K v t b v g w³ t b B? 1
- L) RMr msvti Agi Zj j v f Kiv hvq Kxfvte? 2
- M) Dī xcKwU tZ d tU I V w w K wU ōRxeb m½xZō KweZvi m t½ tKvb w`K w`tq cōmw½K? e`vL`v Ktiv| 3
- N) ōDī xc tK Dwj w`Z we l qwU Qvov I ōRxeb m½xZō KweZvq D tV G t m t Q R x e b t K m g x Kivi GKwæK ci v k k ¶ōō
gšēwU i cōmw½KZv gj`vqb Ktiv| 4

M — wefvM : Dcb`vm (mncwV)

9| GK mvMi i t³ i weibgtq,
ōevsjvi `vaxZv Avbtj hviv,
Avgiv tZvgv`i fj e bv|
`tmn te`bvi G K>UK c_ tetq
tkvl tYi bvM cvk wQotj hviv
Avgiv tZvgv`i fj e bv|

- K) t b v j K e p v e p v t K K x t L t Z t`q? 1
- L) ō`vaxZvi `t cæ l Avevi tmB me w` tbi Avb> w d t i t c t q t Q ō - K _ w U e p S t q t j t L v | 2
- M) ōDī xc tK th w` K wU D t V G t m t Q, Zvi m t½ ōKvKZvoqvō Dcb`vtmi mv`_ k` c`Y`¶ K w U e`vL`v K t i v | 3
- N) Dī xcKwU ōKvKZvoqvō Dcb`vtmi mgMōZvtK `úk¶K i t Z cvti w b - we t k w K t i v | 4

10| ōGt`k wecbēAvR, Rwb AvR wbi bēRxeb gZiiv cZ`n m½x, wqZ kĭ`i AvµgY i t³ i Avī bv AvtK, Kv t b ev t R
AvZBvt`i mj; Zeyl mj p Awg, Awg GK ¶waZ gRj | Avgvi mæ¶L AvR GK kĭ`i; GK jvj c_, kĭ`i AvNvZ Avi
ef¶lvi Dī x b kc_ |

- K) tK i v R v K v i K v g v ō v t i i e w o t Z A v _ b w`t q u Q j ? 1
- L) Mōtg MYKei nevi KviY Kx? 2
- M) Dī xcKwU ōKvKZvoqvō Dcb`vtmi th w` K t K B w½Z K t i Z v e`vL`v K t i v | 3
- N) ōDī xcKwU ōKvKZvoqvō Dcb`vtmi gj fvtēi B cōZ`Qweōō-gšēwU h_v_Žv wbi`cY Ktiv| 4

11| Sūi eqm hLb`k eQi, ZLb Zvi gv gviv tM t j w c Z n v i v S ō U i G K v n t q h v q | e o t e v b k j i e w o t Z | t m g v g v i
t`vKv t b K v R K t i `t e j v L v q | A e m i m g t q g v g v i e w o i c v t k c v n v t o i I c i M v Q Z j v q e t m g t b i m t L e w k e v R v q |
K v t i v f v t j v - g v ` w b t q L e G K U v g v _ v N v g v q b v |

- K) tMi t`+ DVv t b K x Av t Q? 1
- L) e p v P w P i c ō Z K Z Á n t q I t v t K b? 2
- M) Dī xc tKi Sūi mv`_ ōKvKZvoqvō Dcb`vtmi e p v P w i t ĩ i Z j b v g j K A v t j v P b v K t i v | 3
- N) Dī xc tKi Sūi t P t q ōKvKZvoqvō Dcb`vtmi e p v i `w q Z i A v b A t b K t e w k - w e t k w K t i v | 4

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Abj vBb gfwj tU÷ — 2020 vL^a

tKwY t 9g

wel q t evsj v 2q cÎ (i Pbv gj K)

wel q tKwW		
1	0	2

mgq — 2 N>Uv 30 wgvbU

cYgvb — 70

[[wɛtʃl ˈbɛt — Wwb cvtʃi msL'v c0k0: cYgvb ÁvcK| GKB c0k0: DĚti mvayl Pwj Zi xuzi wgy' ˈtYxq|]

1| th tKvtrv GKwU wel t q Abj"Q` wj L: 10

- K) B>Uvi t bU;
- L) cwit ek ˈtY

2| th tKvtrv GKwU DĚi `vl: 10

- K) moK `N0bvq AvnZ eUtk mgte`bv Rwb t q GKwU wPw wj L|
- L) wK'v mdti hvl qvi AbgvZ c0'bv Kti we`vj t q c0vtbi Kv t Q Avte`b cÎ wj L|

3| K) mvi vsk tj L: 10

fuel tzi fievB ntjv Ávxi KvR| wcto-tgsgw0 chS-hLb fuel tzi Rb` e`wZe`-ZLb gvb t i K_v ej vB evuj | duki-mbb'vmx th Ni-ewo t0to Avnvi-wb`v f t j cvnvo-R1/2 t j tPvL e t S e t m _v t K, tmUv hw`wbZvš-MwÁKvi Kcvq bv nq, Zte ej tZ nte fuel tzi fievB t fte| mg`-Rxe-Rš i `tUv tPvL mg t b _vKevi gvt b ntj v fuel tzi w`tK thb bRi _v t K| AZ t z i fievB t fte j v f t b B| c w t z i v Z e t j t M t Q b, 0M Z m` t k v P b v b w` t 0 A v i e Z g v b t m - Z t b B e j t j B P t j | G B t h U v e Z g v b t m B N G B K _ v e j t z e j t z A Z x Z n t q t M j | K v t R B Z i 1/2 t M v b v A v i e Z g v b t i w P s + K i v m g v b B A b _ R | f u e l `r U v n t j v A v m j w R i b m | t m U v K L b l t k l n q b v | Z v B f u e l `t z i g y b e t K g b n t e t m U v G K e v i t f t e t ` L v D w P Z |

A_ev,

L) mvi gg' t j L :

tKv_vq `M' tKv_vq bi K? tK etj Zv eu` t ?
gvb t i gvtS `M' bi K, gvb t i t z m j v m j -
wi c j Z v o t b h L w b t g v t ` i w e t e K c v q t M v j q,
AvZ M w b i b i K A b t j Z L w b c y o t z n q |
c0Z I t c0gi cy` eua t b h t e w g w j c i ` u t i
`M' Av m q v ` w o v q Z L b A v g v t ` i K t o N t i |

4| th tKvtrv GKwU fvem`c0nvi Y wj L: 10

- K) mK t j i Z t i m K t j A v g i v
c0Z` t K A v g i v c t i i Z t i |
- L) cwit k t j t m s f v t M` i c0w Z |

5| c0Z te`b cYqb Ki : th tKvtrv GKwU 10

- K) tZvgvi we`vj t q ewl R weZK`c0Z th w M Z v A b p v b m a u t K`G K w U c0Z te`b `Zwi Ki |
- L) msev`c t I c K v t k i R t b` h e m g v t R i A e t q i K v i Y I c0Z K v i m a u k Z G K w U c0Z te`b `Zwi Ki |

6| th tKvtrv GKwU wel t q c0U i Pbv Ki : 20

- K) evsj v t` t k i F Z i ` e w P T` ;
- L) Aa` emvq;
- M) e t j i v c Y I e b v q b |

t m Ę t h v t m d m & - g j
Abj v Bb g t Wj t U ÷ — 2020 v L a
 t k i Y t 9 g
 w e l q t M w Y Z (m R b k x j)

w e l q t K w W		
1	0	9

mgq — 2 N v U v 30 w g v b U

c Y g v b — 70

[w e t k l ` b e t — e x R M w Y Z A s k t _ t K 2 w U, R ` w g w Z A s k t _ t K 2 w U, w i t k v y u g w Z I c w i w g w Z A s k n t Z 2 w U G e s c w i m s L v b A s k t _ t K 1 w U K t i t g v U 7 w U c k k i e D E i ` v l |]

K — w e f v M : e x R M w Y Z

- 1 | $\sqrt{5} \mid 4 \text{ ` } \beta \text{ w U e v } \bar{e} \text{ m s L } \bar{v} |$
 K) t k v b w U g j ` I t k v b w U A g j ` w b t ` R K i | 2
 L) $\sqrt{5} \mid 4 G i g t a \text{ ` } \beta \text{ w U A g j ` m s L } \bar{v} \text{ w b Y } \bar{q} \text{ K i |}$ 4
 M) c g v Y K i t h, $\sqrt{5} G K w U A g j ` m s L \bar{v} |$ 4
- 2 | $R = 3 + 2\sqrt{2}$
 K) $f(a) = a^2 - 5a + 2k$ n t j k G i t k v b g v t b i R b ` $f(2) = 0$ n t e? 2
 L) $R^4 - \frac{1}{R^4}$ G i g v b w b Y q K i | 4
 M) c g v Y K i t h, $R\sqrt{R} + \frac{1}{R\sqrt{R}} = 10\sqrt{2}$. 4
- 3 | $x = 2, y = 3, z = 5, w = 7$
 K) $\sqrt{y^3}$ G i 3 w f w E K j M w b Y q K i | 2
 L) $W \log \frac{xz}{y^2} - x \log \frac{z^2}{x^2 y} + y \log \frac{y^4}{x^4 z}$ G i g v b K Z? 4
 M) t ` l v l t h, $\frac{\log \sqrt{y^3} + y \log x - \frac{y}{x} \log(xz)}{\log(xy) - \log z} = \log y \sqrt{y^3}$. 4

L — w e f v M : R ` w g w Z

- 4 | PQR GK w U w i f R | PA, QB I RC w Z b w U g a ` g v O w e x ` t Z t Q ` K t i t Q |
 K) c l E Z t ` i A v t j v t K w P i A v K | 2
 L) c g v Y K i t h, $PQ + PR > QO + RO$. 4
 M) c g v Y K i t h, $PA + QR + RC < PQ + QR + PR$. 4
- 5 | $\triangle ABC$ G i D I E h v m t g AB I AC G i g a ` w e s ` y G e s $\angle B$ I $\angle C$ G i m g w l L U k k q O w e s ` t Z w g w j Z n t t q t Q |
 K) D i x c t k i Z ` t j v w P t i i g v a ` t g c k v k K i | 2
 L) c g v Y K i t h, $DE \parallel BC$ G e s $DE = \frac{1}{2} BC$. 4
 M) c g v Y K i t h, $\angle BOC = 90^\circ + \frac{1}{2} \angle A$. 4
- 6 | GK w U w i f t R i f w g $a = 3$ t m . w g . f w g m s j M a m p t k v Y 45° G e s A c i e u ` b i m g w o s = 6
- t m . w g . |
 K) D i x c t k i Z ` t j v w P t i c k v k K i | 2
 L) w i f R w U A 1/2 b K i | (A 1/2 t b i w e e i Y I w P y A v e k ` K) 4
 M) GK w U e f M P c w i m x g v 2 s n t j e M w U A v K | (A 1/2 t b i w P y I w e e i Y A v e k ` K) 4

M — wefvM : wĭ tKvYugwZ I cwiugwZ

- 7| $\operatorname{cosec} A - \cot A = \frac{1}{x}$ ntj
 K) $\operatorname{cosec} A + \cot A$ Gi gvb wbyġ Ki | 2
 L) t`Lvl th, $\sec A = \frac{x^2 + 1}{x^2 - 1}$ 4
 M) DĭxcKti Avtj vtK cġvY Ki th, $\tan A + \cot A = \sec A \cdot \operatorname{cosec} A$. 4
- 8| $\sqrt{2} \cos(A - B) = 1$, $2 \sin(A + B) = \sqrt{3}$ Ges A I B mpġKvY Ges $\operatorname{cosec} \theta \cdot \cot \theta = 2\sqrt{3}$ thLvġb θ mpġKvY |
 K) $A - B$ Gi gvb wbyġ Ki | 2
 L) A I B Gi gvb wbyġ Ki | 4
 M) θ Gi gvb wbyġ Ki Ges t`Lvl th, $\operatorname{cosec}^2 \theta - \cot^2 \theta = 1$. 4
- 9| $\tan A = \frac{a}{b}$ ntj
 K) t`Lvl th, $b \sin A - a \cos A = 0$ 2
 L) cġvY Ki th, $\sin A = \frac{\pm a}{\sqrt{a^2 + b^2}}$ 4
 M) DĭxcġKi mrvvġh: $\frac{a \sin A - b \cos A}{a \sin A + b \cos A}$ Gi gvb wbyġ Ki | 4

N — wefvM : cwi msL`vb

- 10| tKvb we`vj tqi ewil R cixġlvq 9g tkiYi 50 Rb wKġlv_xP MvYġZ cġB bġġ, tġv wbgġfc:
 76, 65, 98, 79, 64, 68, 56, 73, 83, 57, 55, 92, 45, 77, 87, 46, 32, 75, 89, 48, 97, 88, 65, 73,
 93, 58, 41, 69, 63, 39, 84, 56, 45, 73, 93, 62, 67, 69, 65, 53, 78, 64, 85, 53, 73, 34, 75, 82,
 67, 62 |
 K) cġ Ē Z`wDi avi Yv Kx ifc? tKvġbv wġtektb GKwU tkiYi MYmsL`v Kx wġġ R Kti? 2
 L) Dchġġ tkiYe`wB wġtq MYmsL`v wġtekb `Zwi Ki | 4
 M) msuġB c`wZġZ cġB bġġ i Mo wbyġ Ki | 4

- 11| tKvġbv tkiYi 60 Rb wKġlv_xP I Rġbi (tKwR) MYmsL`v wġtekb mvi wY wbgġfc:

tkiY e`wB	45-49	50-54	55-59	60-64	65-69	70-74
MYmsL`v	4	8	10	20	12	6

- K) ga`K wbyġqi mġwU wj L? 2
 L) cġ Ē Z` t`ġK cġġi K wbyġ Ki | 4
 M) DcvġĒi AvqZġġ L A¼b Ki | 4

tmÈ thvtdm&~g

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tkiY t 9g

wel q t Bmj vg I ^bwZK wk¶v (mRbkxj)

wel q tKwW		
1	1	1

mgq — 2 NvUv 30 wgvbU

cYgvb — 70

[wetkl ^be't — Wvb cvtki msL'v cOkie cYgvb ÁvcK | wbtP Duj w-Z D'xcK, tj v gtbvthvMmn cto msuké-cKq tj vi
DÉi ^vi | th tKvb 7vU cOkie DÉi ^vi |]

- 1) dmi ^ I tmvj g ^β eUz Zviv Dftq GKvU ^kØxq ^vfb teovtZ tMj | dmi ^ tmLvfb gwUv ^Zvi gwZ^ol cv_tii Kvi "KvthP tmS^ th^gy» ntq wR^vn Kivi gZ gv_v bZ Kti m^yb cØkØ Kti | Gici Dftq tKwUtb bv^v Kivi GK chftq Bmj vtgi wewfbwvwtq wbtq Avtj vPbv Kti | tmvj g gZvgZ cKvk Kitz vMtg etj, bwe-ivmj Mtyi AvMgtYi avivewvKZv Ae^vnZ ^vKvB h³h³ |
 - K) Bmj vtgi e^enwi K A_¶Kx? 1
 - L) AvvLi vtZ wekym ^vcb Kiv Acwi nvh¶Kb? 2
 - M) dmi t i AvPi ty th wel qW cKvk tctqtQ Zv e^vL^v Ktiv | 3
 - N) bwe-ivmj Mtyi AvMgtYi wel q wbtq tmvj tgi e^3te^i h_v_Zv e^vL^v Ktiv | 4

- 2) Avaj ingvb I mv^4v^ ci ^ui mncvWx | Avaj ingvb gtb Kti Bmj vg GKgv^ cwi cY^Rxb e^e^v | gvbe Rxbti Rb^ hv cØqvRb mevKQB Bmj vtg AvtQ | Acict¶v Zvi B eUz mv^4v^ g^, Rgv mj ^Nym BZ^wi tK A^ea gtb Kti bv | Zvi Gifc gtbvfe tRtb Zvi Gj vKvi Bgvb mv^ne etj b- Gi dtj ^ybvqvtZ A^wvZKZvi cñvi NUte Ges ZvtK AbSkvtj i kw^tfvM Kitz nte |
 - K) Bgvb kãvU tKvb avZt_tK vbM^? 1
 - L) ZvKw ti wekym Cgv^bi Ask-eyStq tj L | 2
 - M) Avaj ingv^bi avi Yv Kxifc? e^vL^v Ki | 3
 - N) mv^4v^ i gtbvfe vPvyZ Kti Bgvb mv^ntei e^3te^i h_v_Zv vbi^cY Ki | 4

- 3) AvKvg I gvngj ^β eUz AvKvg B^QvKZfite Agmj gvbt^ i AbKiy Ktib Ges Zvt^ i agx¶ Pý e^enwi Ktib | Ab^v tK gvngj Avj w Zvqvj vi cvkvcmk weEevb^ i tK wihK^ vZv gtb Ktib Ges tdti ^v^ i RMr cwi Pvj bvKvix wntmte gtb Ktib |
 - K) ØKdiØ ktãi A_¶Kx? 1
 - L) ØKdi gvbe mgvtR A^wvZKZvi cñvi NUvq | Ø-e^vL^v Ki | 2
 - M) AvKvg mv^ntei KgRvU Kxmi Ašf^? e^vL^v Ki | 3
 - N) gvngj mv^ntei wekym cwi YvZ Ki Avb I nv^xmi Avtj vtK wetk^Y Ki | 4

- 4) Avej tnvmvBb AvvLi vtZ wekym Ktib | wZvb me^v ^bwZK Rxbhvcb Ktib | c¶všfi Zvi fvB nwg^ AvvLi vtZi cØZ wekym ^vcb Kitz I kvdvAvtZi cØZ wekym ivtLb bv | wZvb etj b, nvkti i gq^vfb tKD Kv^iv Rb^ kvdvAvZ Kite bv |
 - K) ØRvbwZØ ktãi A_¶Kx? 1
 - L) Rvnbvbtgi ^t_tjvi bvg tj tLv | 2
 - M) Avej tnvmvB^bi wekym I Rxbhvctbi mjdj eYØv Ki | 3
 - N) nwg^ i wekym Kdz wetk^Y Ktiv | 4

- 5) mvrRe I mvrR^ NibØ eUz mvrRe cØqB dRti i mvj vZ mthP tqi ci Ges Avmti i mvj vZ mthP ^t mgq Av^vq Kti | mvrR^ Gj vKvi hPKti i mZ^ K_v ejv I wbvqvgZ mvj vZ Av^vq Kivi Rb^ Avn^vb Rvbtj KwZcq hPK Zvi K_v i tØ KUv^3 Kti | hPKti i AZ^vPvi Amnbxq chftq tcsQtj tm wk¶tKi ki Yvcbvng, wk¶K Ki Avtbi wbtg³ AvqZwU cto tkvrbv- *إِنَّ مَعَ الْعُسْرِ يُسْرًا*
 - K) Ødvi MeØ ktãi A_¶Kx? 1
 - L) ØAvwg gvbt tK m^ i Zg AvKvZtZ mjo Kti wØØ-eyStq tj L | 2
 - M) mvrR^ i Kv^ri gva^tg Kv^ i wetkl ^enkó^ dtU D^vtQ? e^vL^v Ki | 3
 - N) mvrR^ i Kv^vg vPvyZ Kti tZvgvi cv^eBtqi msuké-mjvi Avtj vtK wetk^Y Ki | 4

- 6) Avmgvb mvtne fvtjv fvtjv K_v etj b Ges fvtjv KvR gvby tK DrmwvZ Kti b | wKš' wZwb G_s,tjv Kti _vtKb tjvK t`Lvbtvi Rb Ges fvtjv KvRi Avkvq | Ab`w tK AvRvni mvtne mv`v gtbj gvby | wZwb AKvZti e, tiivcY Kti b Ges wwfbaCKvi dmj Avev` Kti b |
- K) Onw` m0 ktai A_@Kx? 1
- L) KcYZvtK NYv Kiv nq tKb? e`vL`v Ki | 2
- M) Avmgvb mvtntei KgRvtU tKvb nww tmi ewntcKvk NtUQt? e`vL`v Ki | 3
- N) AvRvni mvtntei KtgP djvdj Bmj vtgi Avtj vtK wtkHY Ki | 4
- 7) bqb I Pqb GKB tkYxi wKv_xP kwiqtZi Drm_s,tjv wbtq Zvt`i gta` AvtjvPbv nwwQj | bqb ejj , Bmj wq kwiqtZi mdj wewa-weavb gj Drm Avj -Ki Avb | Gi I ciB Bmj wq kwiqtZi wfvEjZ I KvVtgv c0Zw0Z | Pqb ejj , kwiqtZi mKj DrmB mgvb _i"ZcYQ DEti bqb ejj , kwiqtZi me0g I me@c0vb Drm ntjv Avj -tKvi Avb |
- K) evqZj Bhtavn tKv_vq Aew`Z? 1
- L) nww mtK Ki Avtbi e`vL`v ejv nq tKb? 2
- M) Pqtbj Dw3wU kwiqtZi `w0tZ Kxjfc? e`vL`v Ki | 3
- N) bqtbi 2q Dw3wU h_v_Zv c0yvY Ki | 4
- 8) tkYx wKvK AvRv` mvtne kwiqZ m0utK0AvtjvPbv KivQtj b, Ggb mgq Zvmbog ejj , kwiqtZi AbymitYi Rb` Avj -tKvi AvbB ht_0 | AvRv` mvtne ZLb ZvtK ejtj b, mpmw, BRgv I wKqvtmi AbymitYi Rb` I Avj tKvi Avtbi wbt`Rbv itqtQ | ZvB mKtj i DvPZ Gmtei AbymitYi Kiv |
- K) kwiqtZi c0vb Drm KquU? 1
- L) Ki Avb wZj vl qvZ DEg Bev`Z tKb? 2
- M) Zvmbtgi gse`wU kwiqtZi Avtj vtK e`vL`v Ki | 3
- N) AvRv` mvtne Gi e3te`i mvt`Zwg wK GKgZ? DEti i `ct` hys` vl | 4
- 9) Zvl mxe I Zvbfxi Ki Avb gwRt`i wei`xZv I bwrj KZ meRbxbZv wbtq AvtjvPbv KivQj | Zvl mxe ejj , Avime fvlvq bwrj KZ G Ki Avb Aa`qtbi tKvttv weKt`tbB | Guv gvbe Rvzi w`vqvtZi evYx | Zvbfxi ejj , Ki Avb gwR` mskj tb nhi Z Dmgvb (iv:) Gi Ae`vb Ab`tkvhP
- K) wZj I qvZ ktai A_@Kx? 1
- L) Ki Avb gwR` Avime fvlvq bwrj nI qvi Kvi Y e`vL`v Ki | 2
- M) Zvl mxe I Zvbfxi i Rxe`b Ki Avb wZj vl qvtZi _i"Zj I dwrj Z eY0v Ki | 3
- N) Zvbfxi i Dw3wU wtkHY Ki | 4
- 10) Kwi g mvtne Awdtmi GKRB tLv`vfxi" KgRZP wZwb me0v Avj w Zvi ivm`j i wbt`KZ ct` Ptb I wbtRtK mKj cKvi Ab`vq-AbvPvi I cvcvPvi t_tK weiZ ivL`tZ tP0v Kti b | h_vmva` Bev`Z eP`MxI Kti b | wKš' Zvi tKivbx Kvgj Amr Pwi tI i tjvK, tm Dcwi cvl bv Qvov tKvttv KvR Kti bv eis gvby tK nqiwb Kti |
- K) 0AvgvbZ0 Kx? 1
- L) 0t`ktc0 Cgvbtbi A10 ePStq tj L | 2
- M) Kwi g mvtntei KgRvtU AvLj vtK nwig`vni tKvb `ewk0` we`gvb? e`vL`v Ki | 3
- N) Kvgvtj i Pwi t`cv`eBtqi Avtj vtK gj`vqb Ki | 4
- 11) Kwtm wKvK gtnv`q ejtj b, Patriotism ev `t`ktc0 GKwU gnr`_Y | RvWZ-ag0eY0w0w0k0tI `t`tki c0Z ggZteva ivLv gvby gvI iB KZ0 | ejv ntqtQ 0`k`ktc0 Bgvbtbi A10 Rb`fngi c0Z ggZv, gvqv I `i`u`tqi Mfxi t_tK DrmwvZ | t`ktK fvtj vevtm bv Ggb tjvK LjR cvl qv KwWb | t`tki tmew Kiv c0Z`K gvbtI i `bwZK `wqZj |
- K) 0`k`ktc00 Gi Avime c0Zka Kx? 1
- L) `t`ktc0 ejtZ Kx tevSvq? 2
- M) Zwg eo ntq D`xctK D`j wZ `wqZjw Kxftve cvj b Kite? e`vL`v Ki | 3
- N) D`xctK Avtj vPZ`_YwI _i"Zj wtkHY Ki | 4

tmÈ thv†mdm&¬g

Abj vBb g†Wj tU ÷ — 2020 vL^a

tkiY t 9g

wel q t vL^a ÷ ag^Q `bwZK wk¶v (mRbkxj)

wel q tKw		
1	1	4

mgq — 2 NvUv 30 wgvbU

cYgvb — 70

[we†kl `be't — Wvb cv†ki msL'v c†kæ cYgvb ÁvcK | w†P Duj w-Z D'xcK, tj v g†bv†hvMmn cto msuké-c†kæ tj vi
DÉi `vl | th tKvb 7vU c†kæ DÉi `vl |]

- 1 | ü`q c†Zw†Z GKRb h†K | w†Ri M†gi Dbq†bi Rb` `bk we`vj q, i v`v ms`vi, tmev tK`^BZ`w` Kj`vYgj K
KvR K†i†Qb | M†gi ag^QeY^Qabx, Mwi e, cvcx, mvay brix, cy`l c†Z†Ki m†½B wZvb m[™]ve eRvq ti†L†Qb | ZvB
mK†j B Zv†K L† cQ` K†i |
 - K) Ck†i i tkb m†o Kx? 1
 - L) `†axbZv ev g†³ ej †Z Kx tevSvq? 2
 - M) g†³ m†ú†K^Qxixi i tKvb wk¶vU ü`†gi g†a` d†U D†V†Q? e`vL'v Ki | 3
 - N) `†axb ev g†³ n† qvi Rb` ü`†gi Kv†Ri GB GKwU w`K wK h†_ó? †Zvgvi gZvgZ `vl | 4

- 2 | `†axbZv gv†l i mnRvZ c†wÈ | `†axbZv e`w³ i e`w³Z; weKv†k mnvqK | Z†e `†axbZvi Ace`envi gv†l †K cv†ci
c†_†V†j †`q | Ck†i i w††R cvj b Ki†j gv†l cv†ci `vmZi †_†K mn†R g†³ j v† Ki†Z cv†i | L† ÷ f†³†i
g†b i vL†Z n†e, `†axbZv cwe† AvZ†vi `vb |
 - K) Ck†i gv†l †K KLB †_†K `†axb K†i m†o K†i†Qb? 1
 - L) w†f† n† qv hvq Kx†v†e? 2
 - M) gv†l i `†axb n†q | Vvi Dcvqmg† wbi`cY Ki | 3
 - N) D'xc†K†i Av†j v†K c†KZ `†axbZv j v††i thŠw³KZv we†k¶v Ki | 4

- 3 | ZYv | ZLvi hgR tev† | ewn`K †Pniv, M††qi is, D`PZv, K_v ejvi aiY meB GK i Kg | ey`xi w`K †_†K c†q
KvQvKwQ | ZLvi Mwi e mncv††`i tj Lv†covi †¶†† we†f†e†v†e m†v†h` mn†hvMxZv K†i | w†ZvgvZvi eva` Ges
†j Lv†covi cv†cv†k m†v`wZK A½†b Zvi h†_ó m†v†g i†q†Q | Aci w`†K ZYv Aj m, A†b`i c†Z Ag†bv†hvMx, w†Ri
m†hvM-m†veavi c†Z g†bv†hvM tekx |
 - K) c†KZ wk¶v Kx? 1
 - L) gv†l i m†_ m†ú†K^QvLvi c†qvRbxqZv Kx? e`vL'v Ki | 2
 - M) ZYv | ZLvi g†a` th cv`R` Zv†K Kx ejv nq? e`vL'v Ki | 3
 - N) ŐZYv | ZLvi g†a` th cv`R` Zvi BwZevPK | t†vZevPK `ß ai†bi dj v†j B i†q†Q0-gj`vq†b Ki | 4

- 4 | w†Q†vsKv AZ`š-Aj m | tm Zvi Rvgv Kvc†_ w†Q†q i v†L bv | tm memgq G†j v†g†j v`_v†K | Zvi tev† Zv†K Avj †m†gi
wel†q K_v ej†j tm gb Lvi v†c K†i | tm Rv†b bv th m†v†j v†Pbvi gva`†g w††R†K Rvb† hvq |
 - K) cv`exi tkbZg Ávb Kx? 1
 - L) c†Z`K gv†l Avj v`v †Kb? 2
 - M) D'xc†K w†Q†vsKvi Pwi† cvV`eB††qi Av†j v†K e`vL'v Ki | 3
 - N) D'xc†K me†k† K_wU m†ú†K^QZvgvi gZvgZ `vl | 4

- 5 | w†g. w†DUb GKv`_vK†Z cQ` K†i b | wZvb Kvi | m†_ K_v etj b bv Ges Kvi | evmq tev†Z hvb bv | wZvb KLB†
w†Ri me c†qvRb tgUv†Z cv†i b bv | wZvb w††R†K memgq Z†Q | A`†axb g†b K†i b | wZvb g†b K†i b Zvi w†k†mi
thb Af†e i†q†Q |
 - K) gv†l w†k†mi c†ZgwZ? 1
 - L) gv†l KLB GKwKZ; Ab††e K†i b? 2
 - M) w†g. w†DU†bi Pvi w†K `ewkó` cvV`eB††qi Av†j v†K e`vL'v Ki | 3
 - N) Z†g w†K w†g. w†DUb†K mg`ß Ki - gZvgZ `vl | 4

- 6 | axgvb vL^a ÷ ag^QAvi gvgb Bmj vg a†g† Ab††vix | Zviv `Rb GK†† KvR K†i | Zv† i `R†bi g†a` m†ú†K^QAZ`š-Avš-
wi K | Zviv G†K Act†i i Kv†R mn†hvMxZv K†i | GB mn†hvMxZv | f†j evmvi Rb` Zv†`i g†a` m†o n†q†Q eU†Z†j |
 - K) w†b†m½Zv Kxi†c Ab††vZ? 1
 - L) w†b†m½Zvi dj v†j Kxi†c-†j L? 2
 - M) D'xcKw†K cvV`eB††qi Av†j v†K e`vL'v Ki | 3
 - N) Őmn†hvMxZv | f†j evm†v m†o K†i eU†Z†j Ő-gZvgZ `vl | 4

- 7| Rbiv AZŠ-wbPz RvtZi tj vK| Zvt`i mgvtRi mevB cwi eZ⁸ Pva bv| Zviv GKIKg Riebhc b Ki tZ Pva| Rb Zvt`i Gj vKvi `đj fWZ⁹đj mgvRcWZ Zv tg⁸b tbq wb| mgvRcWZ ZvtK mgvR t⁸tK em⁷vi Kij | WKŠ' Rb Zvi D⁸t⁸k⁸ t⁸tK GKU⁸ mcQcv nq wb|
- K) mgvR Kx? 1
- L) gvbe mgvtRi w⁸ K⁸ t⁸j v t⁸j L| 2
- M) D⁸I⁸xcK⁸W cW⁸eB⁸tqi tKvb M⁸t⁸i i mvt⁸ mv⁸ k⁸cY⁸Zv e⁸vL⁸v Ki | 3
- N) Zvg wK RbtK mg⁸ K⁸i? gZvgZ `vl | 4
- 8| wKib Zvi fvB⁸tqi g⁸ta⁸ me w⁸ K⁸ w⁸ t⁸q Avj v⁸v| Zvi G⁸ t⁸Yi Kvi t⁸Y cvov c⁸Z⁸tekr⁸ i KvtQ tm L⁸e c⁸ksmZ| tK t⁸QvU tK eo G gvbmKZv Zvi g⁸ta⁸ t⁸bB| Zvi G⁸ t⁸Yi Rb⁸ Zvi fvB⁸tqiv ZvtK wmsm K⁸i |
- K) hv⁸tKve I thv⁸tbi eveli bvg Kx wQj? 1
- L) `vaxbZv I eva⁸Zv A⁸1/2v A⁸w⁸2fvte RwoZ tKb? 2
- M) wK⁸i t⁸Yi Rxe⁸t⁸b hxi i tKvb⁸ Yw⁸ j⁸ q⁸ b⁸xq? e⁸vL⁸v Ki | 3
- N) O⁸wK⁸i t⁸Yi fvB⁸t⁸ i gvbmKZv hxi i wK⁸ q⁸vi w⁸ecixZ| O⁸-Zvg wK GKgZ? mct⁸ q⁸ h⁸3⁸ t⁸ Lvl | 4
- 9| wbtKvj vm beg t⁸k⁸Yi Qv⁸I | tm Zvi `đj i wK⁸ q⁸KI mcZvgvZvi K⁸_v t⁸kv⁸b| wbtKvj vm w⁸bqwgZ `đj cov⁸t⁸kv⁸v K⁸i | tm Zvi gv⁸tK L⁸e f⁸ij ev⁸tm| wbtKvj v⁸m⁸tK Zvi gv hv K⁸i tZ etj b tm Zv K⁸i | hv w⁸bt⁸la K⁸i tm Zv K⁸i bv| wbtKvj v⁸mi gv Zvi c⁸Z A⁸t⁸bK mš⁸o|
- K) Ck⁸i gv⁸bt⁸i i g⁸ta⁸ wK w⁸ t⁸q⁸tQb? 1
- L) Ck⁸i tKb gv⁸bt⁸ tK `vaxbZv w⁸ t⁸q⁸tQb? 2
- M) wbtKvj v⁸mi Pwi t⁸I th⁸ Yw⁸ d⁸tU D⁸t⁸Q Zv cW⁸eB⁸tqi Av⁸t⁸j v⁸tK e⁸vL⁸v Ki | 3
- N) cv⁸eB⁸tqi Av⁸t⁸j v⁸tK D⁸I⁸xcK⁸W gj⁸ v⁸qb Ki | 4
- 10| Rvj qvb I wj sKb GKB K⁸v⁸m c⁸o| Rvj qvb wj sKbtK KL⁸t⁸bv tKvb e⁸vcv⁸i m⁸rvh⁸ ev c⁸ivgk⁸ t⁸q bv| Rvj qvb wj sKbtK w⁸ect⁸ Av⁸ct⁸ m⁸rvh⁸ K⁸i bv| Rvj qvb wj sKbt⁸i K⁸v⁸R evav c⁸ov⁸b K⁸i | tm Zvi f⁸ij Pva bv| Rvj qvb wj sKbtK tZgb c⁸o⁸ K⁸i bv|
- K) eU⁸Zj Kx? 1
- L) cKZ eU⁸i Y⁸ t⁸j v t⁸j L| 2
- M) D⁸I⁸xc⁸t⁸Ki Awg⁸ t⁸j v cv⁸eB⁸tqi Av⁸t⁸j v⁸tK e⁸vL⁸v Ki | 3
- N) tZvgvi w⁸ot⁸KvY t⁸tK D⁸I⁸xcK⁸W gj⁸ v⁸qb Ki | 4
- 11| k⁸kx I cik `v⁸gx-`đ| Zviv `R⁸t⁸bi gZvg⁸t⁸Zi⁸ i⁸ Z⁸i t⁸q| k⁸kxi tKvb e⁸vcv⁸i w⁸bt⁸q gb Lv⁸vc n⁸t⁸j cik Zv tevSvi t⁸P⁸ov K⁸i b| k⁸kx ci⁸t⁸ki K⁸_vi gj⁸ t⁸q| Zviv Zvt⁸ i `wq⁸Zi I KZ⁸ m⁸at⁸K⁸AZŠ-m⁸t⁸PZb| Zviv A⁸t⁸bK m⁸lx GK⁸W `v⁸WZ|
- K) Ck⁸i Av⁸ g⁸tK tKv⁸vq i vL⁸t⁸j b? 1
- L) Ck⁸i tKb gv⁸bt⁸ tK m⁸o⁸ K⁸i t⁸j b? 2
- M) D⁸I⁸xcK⁸W cW⁸eB⁸tqi Av⁸t⁸j v⁸tK e⁸vL⁸v Ki | 3
- N) k⁸kx I ci⁸t⁸ki m⁸lx n⁸l qvi ct⁸ q⁸ h⁸3⁸ `vl | 4

- 7| gwibK Zvi mncvxt`i mvt_ t`tki `v`qY ce`I `v`qY cw`og Astk teovtZ vMtqQj | tmLvfb Zviv DPr cvnvi , mefRi mgvtivn t`tL g` n`qQj |
- K) tmSi kw³ Kx? 1
- L) evsj v`tki ebfvgtK KZ fvM fvM Kiv hvq? Kx Kx? 2
- M) D`I xctK th mefRi mgvti`tni K_v ejv n`qQj, tmB Avtj v`K μvšxq wPi nwi r ebfvigi eY`v `vl | 3
- N) D`I xctKi Avtj v`K evsj v`tki A_`vZtZ c`KwZK m`ut`i `i "Zie`vL`v Ki | 4
- 8| i vng mvtne GKv`KZg vbePtb c`_Pvntmte gtbvbxZ nb| gtbvqbq tctq wZvb iv`v Ae`iva Kti mfv Kti b Ges tMvctb vefvbe`vte A_`c`v b Kti b | wZvb c`fvekvj x e`i³ nl qvq Ab` c`_v v Zvi wei`tx tKv`bv e`e`v vbtZ cvti b vb |
- K) Ave`vng vj sKb c`E MYZtšj msAv vj L | 1
- L) MYZšj l vbePtb i gta` m`u`K`K? 2
- M) D`I xctK i vng mvtne Kxfvte vbePvb AvPi Yvewa j •Nb Kti tQb? 3
- N) vbePbx AvPi Yvewa j •Nb Kiv th `Ebxq Aciva Zv cv` eB Gi Avtj v`K eY`v Ki | 4
- 9| tkYxKt`q wk`qK wk`qv`_`i mi Kvi l vbePb vbtq cv`v`v`bi mgq vefvbe`tki mi Kvi e`e`v K_v ej tj b | cv` `vb t`tk wk`qK evsj v`tki mi Kvi l Zvi AR` m`ut`K`ej tj b Ges Avi l ej tj b th, MYZšj KvwvgtZ mi Kvi e`e`v GKwJ DEg mi Kvi e`e`v |
- K) MYZšj Kq ai tYi? 1
- L) cvK`v`bi msveavb KZ w`b Kvh`Ki wQj ? 2
- M) D`I xctK ewY`Z evsj v`tki mi Kvi e`e`v tKgbfvte cwi ewZ`Z n`qQj eY`v Ki | 3
- N) D`I xctK wk`q`tki tkl gše`wJ e`vL`v Ki | 4
- 10| OK`O ivto`f GKwJ c`_`tki RbMY cY`^vq`Ekvmtbi Avt`vj b Kti AvmtQ | ZvB AvMgx c`_`wkK vbePtb vefvbe` v`lgZvkvj `j AskM`vY vbtZ hv`"Q | vbePb vbtq vefvbe`AvksKv l AvtQ | GB LeiwJ msev` ct` 10g tkYxi GK wk`qv`_`c`v`Qj | tm c`Z`vkv Kij th Zvi cv` cy`tki ewY`Z vbePtb i gZB vbePb nte |
- K) c`Z`q vbePb KvtK etj ? 1
- L) tgšvj K MYZšj e`e`v wJ e`vL`v Ki | 2
- M) 10g tkYxi wk`qv`_`eB-G cvWZ tKvb vbePtb i mvt_ D³ msev` i vbePb vj tctq`Q? 3
- N) D`I xctK ewY`Z vbePtb i gZ evsj v`tki tKvb vbePb BwZvntm RvZxqZvev` i vevKv NUvq-Zv e`vL`v Ki | 4
- 11| ifcv Zvi eev-gv Gi mvt_ mpvgMA teovtZ vMtqQj | AvRwgi MA t`tk tšct_ vj b `j t`L`Z cvq |
- K) cvb e`e`vcbv wk? 1
- L) tgNbv b`xi DrcwE`j tKv`vq? 2
- M) D`I xctK th b`xtZ i`cv` i`agY Gi K_v ejv n`qQj Zvi vjg wk? Gi MwZc_ eY`v Ki | 3
- N) D`I xctKi Avtj v`K t`tki eo eo b`x`_tj v thvM`thvMi c`v`v gra`g n`q l Wi Rb` MpxZ c``q`c eY`v Ki | 4

t m È t h v t m d m & - g j

Abj v Bb g t Wj t U ÷ — 2020 v L a

t k i Y t 9 g

w e l q t c ` v _ e Á v b (m R b k x j)

w e l q t k W W		
1	3	6

mgq — 2 N s U v 30 w g u b U

c Y g v b — 50

[w e t k l ` b e t — W w b c v t k i m s L i v c o k i e c Y g v b Á v c K | w b t P D i j w e Z D i x c K , t j v g t b v t h v M m n c t o m s i k e c k g t j v i D E i ` v l | t h t K v b 5 u U c o k i e D E i ` v l |]

- 1 | m w g b t g v U i m v B t K j w b t q Z v i e U z e v e t j i m v t _ A v t i K e U i e m o i D t i t k ` t e i n t j v | Z v t ` i t g v U i m v B t K j w i A e ` v t _ t K 10 s G 72 k m h ⁻¹ t e M c o s n t j v | A Z t c i m g t e t M 2 k m c _ A w Z m g K t i |
 - K) m i Y K v t K e t j ? 1
 - L) t e M I ` w Z i g t a ` w U c v _ R ` t j L ? 2
 - M) m w g t b i t g v U m v B t K j w U i Z i Y w b Y g K i ? 3
 - N) m w g b D ³ Z i t Y i A t a R Z i t Y m g - e v j P j t j I M S t e ` A v t M t c S O Z - M w Y w Z K f v t e w e t k i Y K i | 4

- 2 | t K v t b v m g Z j i v ` v q w K O z m g q M w Z k x j G K u U M w o i w e f b o m g t q i t e M w b t P i Q t K t ` I q v n t j v :

mgq t w g u b U	0	5	10	15	20	25
teM v w g U v i / t m t K U	2	4	6	6	4	0

- K) t f i i i w k K v t K e t j ? 1
- L) f i I I R b G K B R v Z i q i w k b q t K b e v L v K i ? 2
- M) c l g 10 w g u b t U M w o u U i A w Z m v s ` t Z i w b Y g K i ? 3
- N) c o E Z t ` i A v t j v t K t e M - m g q t j L u P I A s K b K t i Z v t _ t K M w o u U i M w Z t e M m a u t K g Z v g Z ` v l ? 4

- 3 | 700 k g f t i i M w Z k x j U t K 20 m s ⁻¹ t e t M 1300 k g f t i i G K u U w w Z k x j U t K t K a v ` v t ` q | G e s U t K ` w U w g w j Z n t q m v g t b i w t K P j t Z _ v t K |

- K) R o Z v K x ? 1
- L) e j G K u U j a i w k - e v L v K i ? 2
- M) U t K ` w U i w g w j Z t e M w b Y g K i | 3
- N) f i t e t M i m s i q I Y m f w K f v t e w b D U t b i Z Z i q m f t K m g _ t K t i , M w Y w Z K f v t e w e t k i Y K i | 4

- 4 | 10 g f t i i G K u U e t j U 2 k g f t i i e ` K n t Z 300 m s ⁻¹ t e t M t e i n t q G K u U K v t V 10 m m c o e k K t i t _ t g t M j |

- K) A m g t e M w k ? 1
- L) t _ t g _ v K v e m n V r P j v ` i i " K i t j h v i x i v t K v b w t K t n t j c t o G e s t K b ? 2
- M) e ` t K i c o v r t e M w b Y g K i ? 3
- N) e v a v c o v b K v i x e t j i g v b G e s H ` t Z i A w Z m g K i t Z e t j U u U i c o q v R b x q m g q K Z ? 4

- 5 | m M o g f t i i G K u U e ` a Z i t Y P j g v b i t q t Q | A w t e M u , t k l t e M v , I t m g t q A w Z m v s ` t Z i s , e ` w U i M w Z i A e ` v w b t P i t U w e t j t ` I q v n t j v :

N U b v b s	u (m/s)	v (m/s)	+(s)	s (m)	a (m/s ²)
1	10	30	5	-	-
2	5	20	4	44	3

- K) g v i v K v t K e t j ? 1
- L) c w i g v t c i G K K e j t Z K x e s ? 2
- M) t U w e t j i 1 b s N U b v q s G i g v b w m v e K t i v ? 3
- N) M w Y w Z K w e t k i Y i g v a ` t g 2 b s N U b w U m a t U g s e ` K t i v ? 4

- 6 | m i j ` i w L K c t _ M w Z k x j 5 k g f t i i G K u U e ` 5 m / s t e t M A c i G K u U e ` t K A v N v Z K t i w o Z i q e ` w U i f i t e M 4 k g m / s c w i g v Y c w i e Z t K t i | G B m s N t I P c i D f q e ` i f i A c w i e w Z Z _ v t K |

- K) g r v K l e j w k ? 1
- L) N I P e j t K b D r c b o n q ? 2
- M) 1 g e ` i t k l t e M K Z n t e ? 3

- N) hLb fi teM i tKv t b cwi eZ⁰ nq bv ZLb MmYwZK wekH^Yi gva t g 2q e⁻u m^au t K^gŠe^o K t i v | 4
- 7) i w t g i f i 30k g G e s K w i t g i f i 20k g G K w u t Š o c Ő Z t h w M Z v q i w n g 5m / s G e s K w i g 6m / s t e t M t Š o v q | G t e M A R ⁰ K i t Z K Z K v R B Z v t i M w Z k w ³ |
- K) M w Z k w ³ w K ? 1
- L) 50N e j e j t Z K x e Š ? 2
- M) t Š t o i m g q K v i M w Z k w ³ K g w Q j ? w b Y ⁰ K i | 3
- N) h w i w n g l K w i t g i f i t e M m g v b n t Z v Z v n t j K v i M w Z k w ³ A t c ^o v K Z t e w k n t Z v ? M w Y w Z K f v t e w e t k H ^Y K t i v | 4
- 8) 400c m ³ A v q Z t b i G K w u e ⁻ i e v Z v t m l R t b 19.6N | c w b t Z w b g w ³ / 4 Z K i t j e ⁻ u i l R b n q 15.68N |
- K) c e Z v w K ? 1
- L) b ` x i c w b A t c ^o v m v M t i i c w b t Z m u Z v i K u U v m n R Z i t K b ? 2
- M) D w i l c t K i e ⁻ u i N b Z j K Z w b Y ⁰ K i | 3
- N) D w i l c t K A w k ^o g w M t i m i m t t K m g ⁰ K t i w K ? M w Y w Z K f v t e w e t k H ^Y K t i v | 4

তম এঁ তহবঁমদম&তঁ গঁ

Abj vBb gতঁWj তঁU ÷ — 2020 vL^a

তঁKতঁY ত 9g

we l q t i mvqb weÁvb (mRbkxj)

we l q t K W		
1	3	7

mgq — 2 N>Uv 35 wgvbU

cYg vb — 50

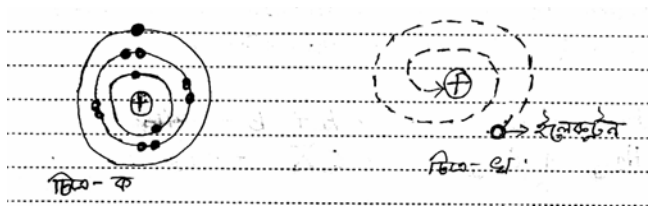
[we t k l `be` t — Wvb cvt ki msL`v c`k k e c`Y g vb Ávc K | w b t P Duj w Z D`i xc K , t j v g t b v t h v M m n c t o m s i k e c k g t j v i
D E i `v l | t h t K v b 5 w c`k k e D E i `v l |]

- 1 | GKwU wmvj Úvfi A`vj তঁKvnj | GKwU tevZtj KxUvbkK c`v_`GvLv AvtQ | G , t j v t K mvavi YZ w b i v c ` R v q M v q i v L t Z n t e |
- K) i mvqb Kx? 1
- L) t c t U i G u m W u i R b ` G u v m W L v l q v n q t K b ? 2
- M) D`i xc t K i i m v q b K c ` v _ ` A ` v j তঁKvnj - t K v b a i t b i i m v q b K c ` v _ ` G u U g v b t i i K x ` q w Z m v a b K t i e ` v L ` v K i | 3
- N) D`i xc t K i w Z x q i m v q b K c ` v _ ` A u Z w i ³ e ` e n v i c w i t e t k i R b ` t K b ` q w Z K i h y ³ m n v j L | 4
- 2 | (i) t g v g + O₂ (g) → A + B + k w ³
- (ii) H₂ (g) + O₂ (g) → X + k w ³

- K) c`U b v ¼ K x ? 1
- L) A v t q w W b t K Z v c w t j e v t ` u c w i Y Z n q t K b ? 2
- M) (i) b s D`i xc t K t f S Z A e ` v i w K i f c c w i e Z B N t U e ` v L ` v K i | 3
- N) (i) b s D`i xc t K t f S Z | i m v q b K G e s (ii) b s D`i xc t K i m v q b K c w i e Z B N t U - w e t k i Y K i | 4
- 3 | GKwU weKvfi wKQzeitdi UKiv ti t L axti axti Zvc c`Ovb Kiv ntj v | G t q t t m g t q i m v t _ m v t _ e i t d i A e ` v i c w i e Z B j ` q K i v n t j v |
- K) c v Z b K v t K e t j ? 1
- L) e ` v c b | w b t m i t Y i g t a ` c v ` R ` w j L ? 2
- M) D`i xc t K i N U b w U t j L u P t i i m v n t h ` A ¼ b K i ? 3
- N) D`i xc t K i N U b w U t Z w K a i t b i A e ` v i c w i e Z B n t j v Z v w P t i i m v n t h ` e ` v L ` v K i | 4

- 4 | w b t g e ` u t g s t j i c v i g v Y w e K m s L ` v m n c ` Z x K t ` q v n t j v :
26A, 29B
[G L v t b , A | B c ` Z x K x A t _ ` c P w j Z t K v b t g s t j i c ` Z x K b q |]
- K) M j b K v t K e t j ? 1
- L) A v B t m v t U v c e j t Z K x e s ? 2
- M) D`i xc t K B t g s j w i B t j K U b w e b ` v m e ` w Z m u g - e ` v L ` v K i | 3
- N) D`i xc t K 1 g t g s j w i B t j K U b w e b ` v m w j t L G i t h v R b x i g v b e ` v L ` v K i | 4

5 |



- K) A i w e U K v t K e t j ? 1
- L) g y ` a v Z i , t j v K x K x ? 2
- M) D`i xc t K K - w P t w U K v i g t w t j i ? Z v i ` x K v h ` t j v e ` v L ` v K i | 3
- N) D`i xc t K w P t - K | w P t - L G i g t a ` t K v b w A w a K Z i M h Y t h v M ` t Z v g v i D E t i i c t q h y ³ ` v l | 4

6| wbtPi QKwU j q| Ktiv Ges cKztj vi DEi `vl :

tgšj	cZxK
H	1_1H
D	2_1H
T	3_1H

- K) cZxK KvK etj ? 1
- L) wPwKrmv tqtAvBtmvUvtci e`envi ,tj v tj L| 2
- M) DııxtKi H, D, T Gi cKZ bvg ,tj v tj L? 3
- N) DııxtKi tgšj ,tj vi fi msLıv tei Ki Ges Giv ci `úi AvBtmvUvc-eYv Ktiv| 4

7|

chq	Moc 1	Moc 2	Moc 3
2			
3			
4	A	B	C

DııxtKi wPwU chq mvi wYi GKwU LwZ Ask|

- K) AvybK chq mU tj L| 1
 - L) B- tK grqvi avZtej v nq tKb? 2
 - M) A t_tK B Gi w_tK thZ cvi gvYweK AAvKti i cwi eZv e`vLıv Ktiv| 3
 - N) A t_tK C Gi w_tK thZ AvqubKi Y kw³ i gvıbi cwi eZv wekH Ktiv| 4
- 8| K, L, M, N-Gı i cvi gvYweK msLıv h_vıtg (2), (11), (15), (18)
[GLıtb K, L, M, N cKZ tgšj bq|]

- K) msKZ KvK etj ? 1
- L) tgšj K I thwMK c`vt_P msAv `vl | 2
- M) DııxtKi tgšj ,tj vi cKZ cZxK wj L I Bıj Kub web`vm Ktiv| 3
- N) DııxtKi tgšj i Bıj Kub web`vm ntZ cıvY Ki th, chq mvi wYi gj wıwE Bıj Kub web`vm| 4

tmÈ thvtdm&-g Abj vBb gfwj tU ÷ — 2020 vL^a

tkiY t 9g

vel q t Rxe veÁvb (mRbkxj)

vel q tKwW		
1	3	8

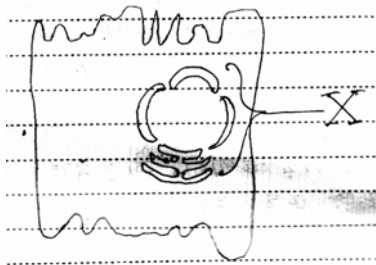
mgq — 2 NvUv 35 wgvbU

cYgvb — 50

[wetkl `be't — Wvb cvtki msL'v cOkie cYgvb ÁvcK | vbtP Duj w-Z D'xcK, tj v gtbvthvMmn cto msuk-cokg tj vi
DÉi `vl | th tKvb 5vU cOkie DÉi `vl |]

- 1 | wvj b l wgvb `ß fvB | wvj tbi D'PZv 170 tm.wg. Ges l Rb 64 tKwR | tm Aj m Rxebhvcb Kti | wgvb AZ`š-
cwi kbx | tm cPi t`šbSvc l tLj vaj v Kti | Zvi l Rb 60 tKwR Ges eqm 15 eQi |
 - K) cwi cvK Kx? 1
 - L) Dw`t` i Rb` AZ`vek`Kxq Dcv`vb Kx? e`vL`v Ki | 2
 - M) hv` wgvb tbi D'PZv 5 dU nq Zte Zvi `vbK K'vj vi Pwin`v wbyq Ki | 3
 - N) BMI gv` tU wgvb l wvj tbi Rxebhvcb Kx ai tbi cfve cto etj Zvg gtb Kti v | e`vL`v Ki | 4
- 2 | Avb RyK`vfwjU beg tkYxi QvTx | tm Zvi Rxe veÁvb eBtq cw_exi wvfbæcKvi cYx l Dw`c m`útk`cotq | tm
mKj cYx` i m`útk`Rvbi Rb` cYxi ve`wi Z tkiYweb`vm cotg etj wK Kti |
 - K) tkYx web`v`mi RbK tK? 1
 - L) Rxe RMr`K Kq fvM fvM Ki v ntqtQ? Kx Kx? 2
 - M) D'xc`K ewYZ tkYx web`v`mi avc, tj v eYv Ki | 3
 - N) Dw`c l cYxi tkiY web`vm Rvb tKb cYqvRb tZvgvi hv`tZ Dc`vcb Ki | 4
- 3 | Rbve kvvgx GKRB veÁvb w`K`K | wZvb Rxe veÁvb Kv`m covtbi mgq ej tj b, Dw`t` i kixi wvfbæai tbi wUmy
_v`K | Zv` i gta` wKoz KvU, kvLv, cvZv Mvb Kti | wKoz cvwb, LvbR j eY, cwi enY Kti | GBme wUmy ntZ Kw l
Zs`tctq _wK |
 - K) Av` tKvl Kv`K etj ? 1
 - L) Rxe tKvl tK RxeYj nvZ t`_K i`v Kti tK? 2
 - M) D'xc`K ewYZ Dw`t` i KvU, cvZv, kvLv MvbKvi x wUmyi eYv `vl | 3
 - N) cvwb, LvbR j eY l Lv` cwi enbKvi x wUmy`K Kx wUmy etj ? e`vL`v Ki | 4

4 |



- K) wUmy Kv`K etj ? 1
 - L) gvBtUvKuUqv`K tKb kv`Ni ej v nq? 2
 - M) D'xc`K `X` wPwYZ wP`wU m`úY`Ki | 3
 - N) D'xc`K `X` wPwYZ Av`YyU l eYv Ki | 4
- 5 | mšvb Drcv` b Rxtai mefPtq , i`ZcY`NUbv | G Rb` A½R, Athšb l thšb cRbb cYqv i`qtq | GK tKvl x ev eU
tKvl x hvB tnvK mKj Rxtai ewx Ges cpi `rcwEi Rb` Kv l wfvRb cYqvRb | esk ci`úivq t`vgtvRvg msL`v
a`e ivLv l Rb` GKwU wetkl ai tbi tKvl wfvRb `vqx |
 - K) M`v`gU Kx? 1
 - L) Mj wR e`i cAvb KvR Kx? 2
 - M) D'xc`K Duj w-Z wfvRb cYqvU Kxfvte mgxKi wYK wfvRb ntZ wfbq e`vL`v Ki | 3
 - N) D'xc`K i wetkl cYqvU l Abcw`wZ`Z Rxtai cwi YwZ Kxj c nte-e`vL`v Ki | 4
 - 6 | $6CO_2 + 12H_2O \rightarrow C_6H_{12}O_6 + 6H_2O + 6O_2$
 - K) mv`j vK mst`K`Y Kv`K etj ? 1
 - L) mv`j vK mst`K`Y wv`vqvU tKvb gva`tg l wK`mi Dcv`wZ`Z NtU | 2

- M) Dİ xctKi wewµqwu tKvb A½vYtZ NtU, tmB A½vYj eYÖv `vl | 3
 N) Dİ xctKi wewµqwu cti v¶fite tmsi kw³ i Dci wbfPkxj -K_wU e`vL`v Ki | 4

7|



- K) A½ms`vb we`v KvK etj? 1
 L) Rxe chw³tK dwj Z Rxe weÁvb ej v nq tKb? 2
 M) Dİ xctKi wPİwU wewfbaAsk wPwYZ Kti bvg wj L? 3
 N) Dİ xctKi wPİwU eYÖv `vl | 4
- 8| `kg tkYxi Qvİ wi cb Zvi ewMtb mewR Pvl Kti tQ| tmLvtb AtbK MvRi ntqtQ| Zvi tevb MvRi tLtz cO`
 Kti | MvRti MkvR_vKvq GUv Zvi KvR Kivi kw³ evovq| Zvi tevb ZvtK ckaKti, MvQ eo nI qvi Rb` Kxfite
 kw³ cvq? tm Zvi tevbK etj, kmb cµqvq MvQ Lv` `Zwi Kti kw³ thvMvq|
- K) tµvtgvcv` Kx? 1
 L) C₄ Dw`c ej tZ Kx eS? 2
 M) wi ctbi tevbi MvNZ Lv` Dcv`vbi 2 AYyt_tK tµem Ptµ Kx cwi gvY kw³ Drcbwq Zv Qtki gva`tg e`vL`v
 Ki | 3
 N) Dİ xctKi cÖKqwu evavMÖ-ntj Dw`c` i gta` Kxifc cÖve tdj te-e`vL`v Ki | 4

t̄mÈ t̄hv̄t̄mdm&̄-ġ

Abj vBb ḡt̄Wj t̄U ÷ — 2020 vL^a

t̄k̄iY t̄ 9g

v̄el q t̄ D^oPZi M̄v̄YZ (mRbkxj)

v̄el q t̄Kv̄W		
1	2	6

mgq — 2 N>Uv 35 v̄ḡv̄bU

cYġvb — 50

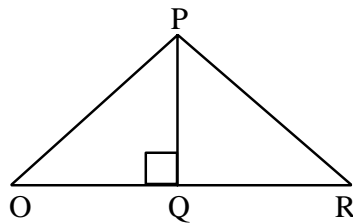
[v̄ēt̄k̄l̄ ÷ b̄ēt̄ — c̄ġZ^oK v̄efv̄M t̄_t̄K Kgct̄q̄] GKv̄U c̄k̄mb̄t̄q̄ t̄gv̄U 5v̄U c̄ġK̄ē D̄Ēi ÷ v̄l̄]

K Ñ v̄efv̄M

- 1| $A = \{x : x \in \mathbb{R} \text{ Ges } x^2 - 9x + 20 = 0\}$, $B = \{5, 6\}$ Ges $C = \{x : x \text{ t̄ḡſj K msl̄v Ges } 6 \leq x \leq 12\}$
 - K) A t̄mŪt̄K Zv̄ij Kv̄ c̄x̄v̄Z̄t̄Z c̄k̄vk̄ Ki | 2
 - L) $P(B \cup C)$ Gi Dcv̄ v̄b msl̄v̄ KZ v̄j L | 4
 - M) c̄ġv̄Y Ki th, $P(A) \cap P(B) \neq P(A \cup B)$ 4
- 2| $P(x) = 18x^3 + 15x^2 - x + a$, $Q(x) = x^3 + x^2 - 6x$ ÷ B̄v̄U exRM̄v̄YZxq̄ mgxKiY |
 - K) $Q(x)$ t̄K Drcv̄ t̄K v̄ēt̄k̄Y Ki | 2
 - L) $P(x)$ Gi GKv̄U Drcv̄ K $(3x+2)$ n̄t̄j, a Gi gvb v̄bYġ Ki | 4
 - M) $\frac{x^2 + x - 1}{Q(x)}$ t̄K Av̄s̄v̄k̄K f̄M̄s̄t̄k̄ c̄k̄vk̄ Ki | 4
- 3| $F(x) = \sqrt{2 - 4x}$ GKv̄U d̄v̄sk̄b |
 - K) $F(x)$ Øv̄iv̄ ev̄YZ d̄v̄sk̄t̄bi t̄W̄t̄gb v̄bYġ Ki | 2
 - L) F GKv̄U GK GK d̄v̄sk̄b v̄k̄bv̄ v̄bāf̄Y Ki | 4
 - M) $F^{-1}(-3)$ Gi gvb v̄bYġ Ki | 4

L Ñ v̄efv̄M

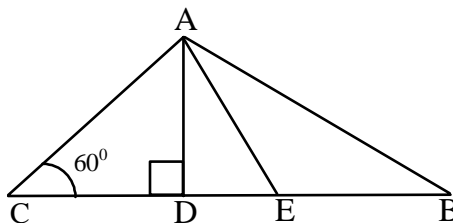
4|



ΔPOR Gi $\angle OPR = 90^\circ$

- K) ΔPOR Gi j̄ v̄ēt̄k̄Y v̄bYġ Ki | 2
- L) c̄ġv̄Y Ki th, $PR^2 = PO^2 + OR^2 - 2OR \cdot OQ$. 4
- M) c̄ġv̄Y Ki th, $PQ^2 = OQ \cdot QR$. 4

5|



ΔABC Gi BC Gi gāv̄ēt̄ȳ E, $AD = 4$ t̄m.v̄g. Ges $BC = 6$ t̄m.v̄g.

- K) AC ev̄v̄i ÷ Ñ v̄bYġ Ki | 2
- L) c̄ġv̄Y Ki th, $AC^2 + AB^2 = 2(AE^2 + CE^2)$. 4

- M) Ggb GKU wí fR A¼b Ki, hvi fwg BC I wki tKvY $\angle C$ Gi mgvb Ges Aci β evúí Aší 2 tm.wg. | [A¼tbi wPy I weeiY Avek"K] 4
- 6) ABC wí fRi fwg BC = 4 tm.wg., fwg msj MaGKU tKvY $\angle B = 60^\circ$ Aci evúštqi mgwó s = 6 tm.wg.
 K) ABC wí fRi Aaewi mgv wbyq Ki | 2
 L) DÍxc tK D t j wZ wí fRU A¼b Ki | [A¼tbi weeiY Avek"K] 4
 M) ABC wí fRi AšeĚ A¼b Ki (weeiYmn) | 4
M N wefiM
- 7) $\tan \theta = \frac{3}{4}$ Ges $\cos \theta$ FYvZK
 K) $\sec \theta$ Gi gvb KZ? 2
 L) $(\cos \theta - \cot \theta)^{\frac{1}{2}}$ Gi gvb KZ? 4
 M) cġvY Ki th, $\frac{\sin A + \cos(-\theta)}{\sec(-\theta) + \tan \theta} = \frac{14}{15}$. 4
- 8) GKU Swo tZ $(5x+1)$ wU dRwj $(8x+3)$ wU wngmvMi I $(10x+7)$ wU Avg t vwj Avg Av tQ | % efv te GKU Avg t bqv nt j v |
 K) Avg wU Avg t vwj n l qvi m t e b v $\frac{1}{2}$ nt j x Gi gvb wbyq Ki | 2
 L) $x=2$ nt j Avg wU dRwj wKŠ wngmvMi b v n l qvi m t e b v wbyq Ki | 4
 M) $x=3$ nt j cġZ t c b b v K t i GKU c i t u i wZ b wU Avg Z t j t b q v n t j m e t j v Avg Avg t vwj n l qvi m t e b v wbyq Ki | 4

tmÈ thvtdm&~g

Abj vBb gfwj tU ÷ — 2020 vL^a

tkiY t 9g

vel q t weAvb (mRbkxj)

vel q tKw		
1	2	7

mgq — 2 NvUv 30 wgvbU

cYgvb — 70

[wetkl `be't — Wvb cvtki msL'v cOkie cYgvb AvcK | wtp Duj w-Z D'xcK, tj v gtbvthvMmn cto msuké-ckg tj vi
DÉi `vl | th tKvb 7vU cOkie DÉi `vl |]

- 1) c_wextZ c0B mKj Zij c`vt_P gta` metPtq mnR j f` ntjv cwb | Zvi GKwU gvb`É ntjv P^H, wKŠ' eZgvb gvbtl i wevfbaKgrvUi Kvi tY Zv gvi vZKfvte `vl Z nt`Q |
 - K) Marine Water Kx? 1
 - L) b`xi cwb tZ Bwj k gvQ wWg cvfo tKb? 2
 - M) D'xc tKi gvb`ÉwU Rj R Rxtai Rb` Kxfvte KvR Kti? e`vL'v Ki | 3
 - N) D'xc tKi Duj w-Z c`v_wU i `tY tiva wK wK c`t c tbqv hvq? wetkHY Ki | 4

- 2) wntgj t`i M0tgi cvk w`tq GKwU tQvU b`x etq tMtQ | b`xi cvfo wKQy wK i Kvi Lvbv _vKvq b`xi cwb metPtq tNvj vU _vtK | cwb tZ wevfba i tYi eR`c`v`_fvmgvb _vtK | b`xi cwbi P^H cix tYv Kti t`Lv tMtQ 5 Gi Kg |
 - K) tj vbv cwb KvK etj? 1
 - L) b`xtZ eua wbgvY cwbi Rb` ugKx ntZ cvti tKb? 2
 - M) wntgj t`i M0tgi cvtki b`xi cwb wKfvte `tYgy³ i vLv hvte? 3
 - N) D'xc tKi b`xtZ Rj R c0Yx emevtmi DchY³ wKbv gZvgZ `vl | 4

- 3) %kj xt`i emv b`xi cvfo | cwb msM0ni Rb` Ab` tKvtrv e`v`v bv _vKvq Zvt`i b`xi cwb e`envi Kitz nq | GRb` Zvi gv GKwU wetkl c0uqvq gva`tg b`xi tNvj v cwb t`tK A`éYxq gqv v` t Kti b | wKŠ' Zvt`i me mgq bvbv ai tYi tctUi mgm`v tj tMB _vtK |
 - K) Mj bv¼ KvK etj? 1
 - L) Gwi nã tK tKb giv nã` ej v nq? 2
 - M) %kj xi gv cwb cw i vi Kitz tKvb c`wZ e`envi Kti b e`vL'v Ki | 3
 - N) Duj w-Z mgm`v `ixKi tY `kj xi gv tqi tKvb c`wZ _tj v Ae j `b Kiv DvPZ? hv³ mn gZvgZ `vl | 4

- 4) bxj v g`vWvg B`vbx tQvU tj Lv `úo t`L tZ cvb bv | Avevi `xi i e`v`úo t`L tZ cvb | Aciw` tK, Zvi fvB mRxe 50 tm.wg. `xi i e`v`Svcmv t`tL | P`z wetkl t`Ai Kv tQ tMtj Zvt`i wvfba i tYi Pkgv t`b |
 - K) Avtj vi c0Zmi Y KvK etj? 1
 - L) DÉj tj Y I AeZj tj tYi gta` `vU cv`R` wj L | 2
 - M) wg. mRxtai Pkgvq e`eüZ tj tYi tYgZv wvYQ Ki | 3
 - N) bxj v g`vWvg I wg. mRxtai c`K tj Y e`envi i Kvi Y wetkHY Ki | 4

- 5) k`vgj 10g tkYi QvI | Aemi mgq Kw`úDUvi UvBics Gi KvR Kti | wKQy b hver tm j tY Kitz v Kw`úDUvti i tj Lv, tj v tm fvj fvte cotZ cvi tQ bv | wKŠ' `xi i wRi b m t`L tZ Zvi tKvb mgm`v nq bv | Wv³vti i Kv tQ tMtj Wv³vi mvtne k`vgj tK DÉj tj tYi Pkgv e`envi Kivi civgk`v tj b |
 - K) Avtj vi c0Zmi Y KvK etj? 1
 - L) tKvtrv tj tYi tYgZv -2.5D ej tZ Kx eSvq? 2
 - M) k`vgtj i tPvtL Kx ai tYi wU t`Lv w`tq tQ? Gi Kvi Y e`vL'v Ki | 3
 - N) Wv³vi mvtnei civgk`KZUv h_v`_tZvgvi DÉti i mct tY hv³ `vl | 4

- 6) `xvBi nvtZ GKw` b we`QyKvgo w`j | hŠYvq th wPrKvi Kitz j vMtj v | G Ae`v t`tL Zvi tQvU fvB Gtm ZvovZwo Uz`tc ÷ j wMtq w`j | Ab`w` tK, Zvi eiev tctUi e`vq Av`i | wZvb mKvj tej v Ng t`tK Dfv `B Mv Kgv i im cvb Kti b |
 - K) `ep GvW KvK etj? 1
 - L) j eYtK tKb wbi tY c`v`_ej v nq? 2
 - M) `xvBi eivi tctUi e`v`v Kvi Y Kx? e`vL'v Ki | 3
 - N) Uz`tc ÷ t`l qvi ci `xvBi kixti Kx c0Zwvqvq ntZ cvti? wetkHY Ki | 4

- 7) HCl + Mg(OH)₂ → MgCl₂ + H₂O
 - K) `ep GvW Kx? 1
 - L) GvW e`envi i mgq mZR` _vK tZ nte tKb? 2

- M) D'ixctKi weiqvi c'og Drcv`wU th aiYi c`v`Zvi `enkó` e`vL`v Ki | 3
- N) D'ixctKi wZxq weiqKwU th aiYi c`v`b`b Rxejb Zvi e`envi wekH Ki | 4
- 8) `g t`K tntU emo tdivi ct_ wmdvZ weqwi s hj³ GKwU tVj vMwio wKQygvj vgvj enb Ki tZ t`Lj | tm Zr`|bur Kwfm cov wDUtbi GKwU m`i mvt_ wvj LjR tcj |
- K) fi teM tKvb ivk? 1
- L) Pj s-Mvox nVvr t`tg tMj Avgiv mvgtbi w` tK StK cwio tKb? 2
- M) wmdvtZi t`Lv NUbWU th m`tK mg_` Kti Zvi e`vL`v `v | 3
- N) wmdvtZi emo tdivi wlvqU m`i mrvth` wekH Ki | 4
- 9) 30 tKwR fti GKwU e`tK tgtSi Dci tVj t`l qv nj | tgtSi mvt_ NI³ ej mwó nl qvq e`wU 1.5 wj/tm² ZiY mwó Kti | GK mgq t`tg tMj |
- K) ej Kx? 1
- L) A`úk³ej ej tZ Kx eSvq? 2
- M) e`wU Dci ch³ NI³ etj i gvb wby³ Ki | 3
- N) Dctiv³ ej wU mwvgZ Kivi c'qvRbxqZv wekH Ki | 4
- 10) eskMwZ e`_tj vi gta` GKwU t`L tZ A`bKUv ciwPv`v wmo i gtZv | Avti KwU GKwU gv` cwj wDwK t UvBW tKtj i fuR | eskMwZi Avti KwU e`weAvbx tgtUj Awe³vi Kti bvg t`b d`v±i |
- K) t`vvtgvtRvg KwK etj ? 1
- L) bvi xiv KLb eU`v nq? e`vL`v Ki | 2
- M) D'ixctKi c'og eskMwZ e`wU MVb e`vL`v Ki | 3
- N) D'ixctKi wZxq l ZZxq eskMwZ e`wU gta` tKvbW Rxei AvKwZ cKwZ l wbaftY `i "ZcY³fwgKv ivtL? wekH Ki | 4
- 11) wnkó weAvbx Wt kvnwi qvi Rvgvb Rxech³ l tRt`wUK BwAvbqwi s wlvqK GK tmvgvti etj b th, Wwj bigK tfov n`Q cw_exi c'og `b`cvqx c'Yx hv GKwU cY`q` t`n tKvl t`K tKvb Kiv ntqtQ | wZwb Avi l D`j l-Kti b th, tRt`wRK BwAvbqwi s c'qvM Kti Kw`jZ `enkó` ev `YenbKvix wRtbi eU `Y e`x NUv`v hvq |
- K) gvb`l i c'ZwU t`n tKvtl KZwU t`vvtgvtRvg `vtK? 1
- L) t`vvtgvtRvg tK eskMwZi t`fZ wfvE` ej v nq tKb? 2
- M) D'ixctK c'Yxi tKvb c'evn wP`i gva`tg t`Lvl | 3
- N) D'ixctK Dwj wZ me`kl Dw³wU wekH Ki | 4

tmÈ thvtdm&~g Abj vBb gfwj tU ÷ — 2020 vL^a

tkiY t 9g

wel q t evsj vt`tki BwZnm I wekpf`Zv (mRbkxj)

wel q tKwW
1 5 3

mgq — 2 N>Uv 30 wgvbU

cYgvb — 70

[wekI `be`t — Wvb cvtki msL`v cOkie cYgvb ÁvcK | vbtP Duj w-Z DÍ xcK, tj v gtbvthvMmn cto msuké-cKq tj vi
DÉi `vl | th tKvb 7wU cOkie DÉi `vl |]

- 1) mRj Zvi gvgvi mvt_ RvZxq MšvMvti hvq | tmLvthb tm weirfbæBcĀ cto | mRj weÁvtbi QvĀ ntj I BwZnvĕmi eB Zvi fvtj v j vtM, tm weirfbæDrm t_ĀK BwZnvĕmi eBcĀ msMh Kti Ges cto mRtj i eev ZvtK etj b, i ayi ayGme eB cto mgq bó Ki Q tKb?
 - K) wDttqb mvs tKvb t`tki cwi eĀRK? 1
 - L) mgtqi weZfb Kxfvte BwZnvĕmi cwi mi we`Z nt`Q? 2
 - M) mRj RvZxq MY MšvMvti BwZnvĕmi tKvb aiĀYi Dcv`vb t`LĀZ cvq? e`vL`v Ki | 3
 - N) Zvg wK mRtj i eevi gvbmKZvi mvt_ GKgZ? hĀ³ `vl | 4

- 2) i`wg, bwidmv I iv IĀ i PvPvi mvt_ RvZxq hv`Ni I gv³hĀ hv`Nti teovtZ hvq Ges AtbK cvjZb w`kĀ t`ĀL, tmLvthb i`wg gmij b kwo, bevet`i e`eÜZ %ZRmcĀ, AvmevecĀ Ges MnbcĀ t`ĀL gv» nq, Ab`w tK bwidmv gv³hĀxi wei`tx cĀĀi AvZmgcĀ`wĀ j I weirfbæBwZnvĕmK NUbv msewĀ Z tcv`vi, cĀ`K-cwĀ Kv t`ĀL AvteMvčZ nq |
 - K) AvaybK BwZnvĕmi RbK tK? 1
 - L) BwZnm cvtV Kxfvte Avgvt`i mĀPZbZv ewx cvq? 2
 - M) i`wg BwZnvĕmi tKvb aiĀYi Dcv`vb t`ĀLwĀj? cvW` eBtqi Avtj vtK wekIY Ki | 3
 - N) cĀPxb wekpf`Zv Rvbvi Rb` bwidmvi t`Lv BwZnvĕmi Dcv`vb, i`ZcY³Dw³wi e`vL`v `vl | 4

- 3) tRwi b Zvi eevi mvt_ evĀMi nvU IvU MĀR gmwR` cwi`kĀ wMĀqĀj | Zviv tmLvthb hv`Nti wMĀq evĀki KwĀ w`Āq tĀ Lv Ki Avb kixd, Dj N Lvb tKv`v t_ĀK KLB GĀmtQ Zvi BwZnm cĀob | Zwi Rxebx cto evĀMi nvĀU Bmj vg ag³ cĀvti Ae`vb mĀutK³RvbĀZ cvti b |
 - K) BwZnm kĀwĀi mĀw weĀ`Q` Ki? 1
 - L) BwZnmĀK tKb AZxtZi NUbv ej v nq? 2
 - M) tRwi b IvU MĀR gmwR` hv`Nti wMĀq BwZnvĕmi tKvb Dcv`vb mĀutK³avi Yv tĀqĀj e`vL`v Ki | 3
 - N) Zvg wK gtb Ki, cYw² BwZnm i Pbvq D³ Dcv`vb GKvĀ mnvqK? tZvgvi DÉti i `cĀĀ hĀ³ `vl | 4

- 4) GK mgq evDj MvqK Awbm Avj x e`vcvix e`ov, w`bvRcj I ivRkvx tRj vi weirfbæGj vKvq Mvb tMĀq evsj vi ms`wZi we`ĀY NUĀZb | wKŠ`ci eZ³mgĀ wZvb cwi evĀi i cĀqvRĀb Lj bv, ewi kvj I cUqvLvj x tRj vi weirfbænvU-evRĀi tgšmgx dtj i e`emvq gtbvthvM t`b | wKí x Awbm Avj x e`vcvix Zvi ágYKwmbxi Dci GKw eBI i Pbv Kti b hv evDj wKí x`i KvĀQ tek RbvĀZv cvq |
 - K) gnv`vbMĀtoi ce³vg Kx? 1
 - L) Rbc` ej tZ Kx tevSvq? 2
 - M) evDj MvqK Awbm Avj x e`vcvix th RbcĀ` Mvb MvBZ tm RbcĀ` i eY³ `vl | 3
 - N) evDj MvqK Awbm Avj x th AĀĀj e`emv KĀqĀb tmwU cĀPxb tKvb RbcĀ` i mvt_ wĀj AvĀQ Zv wekIY Ki | D³ RbcĀ` i tKvb w`KwU tZvgvi KvĀQ metPĀq, i`ZcY³wekIY Ki | 4

- 5) tkiYKĀĀ Avkivd m`vi Rbc` covtĀv tĀI GKw RbcĀ` i mĀutK³wKĀĀĀ i KvĀQ RvbĀZ PvBĀj b th, mgĀ³ DcKj eZ³Gj vKv GwU LĀ wPz I Av`³ tĀš Pj vPĀj i Rb` RvqMwU wĀj LĀ DÉg cĀPxbKvĀj GwU, i`ZcY³ tĀš ewYĀR`i tK`³ wntmte cwi wPZ wĀj | GwU tKvb Rbc`?
 - K) P`³Ātci eZ³vg bvg Kx? 1
 - L) cĀPxb Rbc`³ tj vi cwi Pq Rvbv cĀqvRb tKb? 2
 - M) Avkivd m`vti i eY³vi mvt_ cĀPxb hĀMi tKvb RbcĀ` i wĀj j ĀĀ` Kiv hvq Zv e`vL`v Ki | 3
 - N) D³ RbcĀ` i tKvb w`KwU tZvgvi KvĀQ metPĀq, i`ZcY³wekIY Ki | 4

- 6) tmšif e`vbwR³ I cĀxc ewbK `Ā eÜz Ges GKB knĀi emevm Kti | tmšitfi eev Kvctoi e`emv Ktib | Zvi t`vKvthb UvĀvBĀj i ZvZ, ivRkvxi wmé I Rvg`wlv kwo weĀw nq, eZ³vgvb wZvb mĀZ Kvco I wmé kwo weĀ`tk i Bwb KtiĀQb | cĀxtci eev Pj, wPvb, j eY, gmj v BZ`w` e`emv Ktib | wZvb wPvb I gmj v Avg`wlv Ktib,

GKw b c0xc tmsi fti i ewotZ hvq Ges Zvi tevbtK t tL wbr eo fivbtqi mvt_ wetqi c0ve t q| c0xciv tmsi fti i mgtmvixq bq, weavq D3 c0ve ewZj Kti t b tmsi fti gv-evev|

K) KLB t tK evsj vq gj ti c0j b Avi c0nq? 1

L) c0pxb evsj vi gvbtli Ae v tKgb wQj? 2

M) tmsi fti tevbtqi wetqi e vcvti Zvi gv-evev gtbvfvte ZrKvj xb evsj vi tKvb w KwU dtU DtvfQ? e vL v Ki | 3

N) Zvg wK gtb Ki, c0xtci eo fivbtqi wetqi e vcvti th evavi mvo ntqtQ Zv ZrKvj xb evsj vi mgvtRi AMWZi AStvq? hv3 v | 4

7| Zvj beg tkiYi Qvix| tm wmtj tU tevbtqi ewo tevtZ wMtq tKSZnj ekZ qiz b, tMvxi cvj tZ hvq| tm tqtq i iKgwi Aj sKvi, wetkl Kti Kvfb Kij, nvZ evj v, cvtq gj I mvrM34v t tL gv nq tmLvfb bvi x cvj I wbeftkl mKij B Aj sKvi e envi Kti | wetkl wKQy Abvftbi Dc vcbi tm cZ q Kti | thgb: bvP, Mvb, ev hSj wntmte WwK-tXvj, tLv -Ki Zvj e envi Kiv nq|

K) tmvgcvi wenvi tK wbgv Ktib? 1

L) wKfvte evsj v fvlvi DrcwE nq? 2

M) D t xctKi eY0vi mvt_ tKvb hMi Aj sKvi I mvrM34vi wvj j q Kiv hvq? e vL v Ki | 3

N) D3 hM evtiv gvtm tZiv cve0-Abv0Z ntZv-Dw3wU h_v_Zv gj vqY Ki | 4

8| gvgtb I Kvgvj B fivb| wcvzi gZii ci Zvt i Mvtg0tmi gvij Kvbv wbtq B fivbtqi gta 00 evatj eo fivb gvgtb Mvtg0tm cwi Pvj bvi wqZi MhY Ktib Ges tQvU fivb Kvgvj msmvi t Lvtkvbi wqZi tbb| Mvtg0tmi Avq t tK Kvgvj tK msmvi cwi Pvj bvi t q t c0qvRbxq A_c0vb bv Kivq msmvti wek;Lj v t Lv t q|

K) fiv w-Wv-Mvgv tKvb t tki bweK wQj b? 1

L) c0pxbKvtj AtbtKB evsj v AAj ewYR Kitz GtmvQj tKb? 2

M) D t xctKi qZv fivMvfmMi mvt_ tZvgvi cv eBtqi tKvb NUBvi wvj LjR cvl qv hvq? e vL v Ki | 3

N) Zvg wK gtb Ki D3 NUBv evsj vi A_wvZK tgi E tftz w tqwQj? DEti i c t q hv3 v | 4

9|

QK-1	wgI c q	kI c q
		gxi Kwmg- evsj v kvn Avj g- w wj wRvDfI Sj v-Athva v
QK-2	tKv=uvb t l qwb j vf wqZvxb qZv	evsj v m=U j j b qZvxb kvk

K) cZMvR tKvb bweK c0g mgv a ct_ Gt tk Avfmb? 1

L) AUKc nZ v ej tZ Kx tevsvq? 2

M) QK-1 G BwZnvfmi tKvb HwZnvwmK NUBvi BwZ enb Kti? e vL v Ki | 3

N) QK-1 Ges QK-2 Gi Kvi tY kvkKtMv0x Ac0Zteva MvZtZ mgM0 qZv wv w NUBvZ v tK-gse wU h_v_ gj vqY Ki | 4

10| wvj b Zvt i we vj tqi evrmwi K ebtfvRtb tgnicji e v bv_Zj vi ftei cvovq wMtq RvbtZ cvti b th, GLvfb GKwU mi Kvi MWZ ntqWj Ges G mi Kvi gv3 hv cwi Pvj bvq tbZZj w tqwQj |

K) gvRebMi mi Kvti i i v0c0Z tK wQj b? 1

L) Acvti kb mvPj vBU ej tZ Kx tevsvq? 2

M) wvj b th mi Kvi e e v m=utK RvbtZ cvij Zvi Mvb c0vj x e vL v Ki | 3

N) D3 mi Kvti i ZrKvj xb Kvhtevj e vL v Ki | 4

11| 1. 1970 mvj cvk vftbi c0t wK I RvZxq cwi t t i wbePb|

2. 7B gvP, 1971 mvj -eZeUj HwZnvwmK fvlY

3. 10B Gvcj, 1971-gvRebMi mi Kvi Mvb

4. 16B wvfm=ft, 1971-gv3 hv x weRq AR0

K) evsj v t tki eZ0vb RvZxq cZvKvi ifcKvi tK? 1

L) RvZxq wZtmsa wbgZ nq tKb? 2

M) evsj v t tki gv3 hv msnutb D t xctKi 1 I 2bs NUBvi fvgKv KZUK? e vL v Ki | 3

N) D t xctK Dvj wZ 3bs Qvov 4bs AR0 KLBm m=U wQj bv-Zvg wK Dw3wU mvt_ GKgz tcvl Y Ki? hv3 v | 4

tmÈ thvtdm&~g

Abj vBb gfwj tU ÷ — 2020 vL^a

tkiY t 9g

wel q t fMvj l cwitk (mRbkxj)

wel q tKwW		
1	1	0

mgq — 2 N>Uv 30 wgvbU

cYgvb — 70

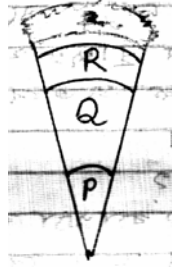
[wetkl `be't — Wvb cvtki msL'v cOkie cYgvb ÁvcK | wtp Dij w-Z D' xcK, tj v gtbvthvMmn cto msuké-ckg tj vi
DÉi `vl | th tKvb 7u cOkie DÉi `vl |]

- 1) `k'Kí-1 t tR'wZweÁvbxiv mva cÖZK GKwU Mh wbtq Mtel Yv Ki tQb | MhU j vj tP t`Lvq Ges Gi e'vm cw_exi e'vtmi AfaR | MhU tZ cÖtYi Aw`Zi; tbB |
`k'Kí-2 t meR tgNgp AvKvki w' tK Zvktq t`L tZ tcj GKwU Zviv Rj Rj Kti Rj tQ | thU Avmtj Zviv bq, GuU GKwU Mh |
 - K) tKvb Mhni fZK eitd XivKv? 1
 - L) Mh wgu wgu Kti Rj bv tKb? e'vL'v Ki | 2
 - M) `k'Kí-1 Gi MhU tZ cÖtYi Aw`Zi; bv vKvi Kvi Y Kx? e'vL'v Ki | 3
 - N) `k'Kí-2 Gi MhU i mvt_ tmsi RMtZi qj Zg MhU i Zj bvgj K Avtj vPbv Ki | 4

2 |

Mhni bvg	e'vm (wK:wg:)	mh' tK `i Zj (tKwU wK.wg.)
A	1,42,800	77.8
B	12,667	15.0

- K) tKvb Mh tK MhivR ej v nq? 1
 - L) DévtK tKb QjS-Zviv ej v nq? e'vL'v Ktiv | 2
 - M) 'A' MhU cÖYx emevtmi DcthvMx bq tKb? e'vL'v Ki | 3
 - N) 'B' MhU 'A' Mhni tPtqI AwaK i "ZcYqhy³mn e'vL'v Ki | 4
- 3 | iwdK mvtne ^cZK mft eu RivqMv-Rwg tctqtQb | wKs' Zvi Rvigi wKQyAsk te`Lj ntq hvl qvq wZvb GK ai tYi gvbvP tI i mrvth' Zvi Rwg, tj vi mxgvbv mWkfvte wPwY Z Ki tZ Pvb |
 - K) GIS Kx? 1
 - L) gvbvP tI t` t j i i "Zj e'vL'v Ktiv | 2
 - M) iwdK mvtntei Rb' tKvb ai tYi gvbvP t cÖqvRb Zvi GKwU bgbv cÖ kÖ Ktiv | 3
 - N) iwdK mvtne D³ Kv tRi Rb' cÖKwZK wel qK gvbvP t e'envi Ki tZ cvi teb Kx? tZvgvi hy³ t`Lv | 4
- 4 | tKqv h³ i vtó^a wMtg t`Lj tmLv t b A t b K, tj v cÖvY mgq i tqtQ | G cÖvY mgq h³ i vtR' i j Ú tbi wMöP kn t i i gvb gw` t i i vbxq mgq Abhvqx wba w i Z nq | Gici tm l qwksU t b wMtg tmLv b Kvi `wNgv ti Lv 75⁰ cwötg tR t b XvKvi mgq tei Kivi tPón Kti |
 - K) gj ga' t i Lvi gvb KZ wWwM? 1
 - L) h³ i vtó^a GKwaK cÖvY mgq vKvi Kvi Y Kx? 2
 - M) XvKv l l qwksU t b i `wNgv h_v p t g 90⁰ ce Ges 75⁰ cwötg | XvKvq hLb ivZ 10Uv ZLb l qwksU t b i mgq KZ? 3
 - N) tKqv t`Lv vbtft` mgtqi cv`R' n l qvi Kvi Y wetkH Ktiv | 4
- 5 | evsj vt` tki `wY-cwöG AAtj i evm` v gmv Behtxg cw_exi mteP ceZk t/2 Avt i vN Y Kti b Ges evsj vt` tki cZvKv D t E v j b Kti b | wel qU Avgt` i Rb' AZ` s-MteP Ges Avb t` i |
 - K) fZK Kv tK etj? 1
 - L) wWw LvZ ej tZ wK eS? e'vL'v Ki | 2
 - M) gmv Behtxgi Avt i vN YKZ ceZi Mv b cÖ p qv e'vL'v Ki | 3
 - N) gmv Behtxgi emevmKZ Gj vKvi fvgi f c wetkl cÖ p qv MvZ-wetkH Ki | 4



- K) f-Avtj vob KvK etj ? 1
- L) tKvb wkj vtK c0_wgK wkj v ej v nq? e'vL'v Ki | 2
- M) D'I'xt'Ki 'R' t'wU f-Af'~'i i tKvb t'~? e'vL'v Ki | 3
- N) D'I'xt'Ki 'P' Ges 'Q' t'~t'qi g'ta' tKvbU AwaK we'Z Zvi Zj bvgj K Avtj vPbv Ki | 4
- 7| tRwmKv fvi'tZi `wR'ij stq UvBMvi wntj etm KvAbR'zvi Acifc tmS' h'ot' tLb| wKS' tRwmKv `wR'ij stqi f'igi mvt_ evsj vt' tki AwaKvsk f'igi tKvb wgj Lj'R cvbvb |
- K) cw_extZ Kq tkiYi f'igifc t' Lv hvq? 1
- L) ceZ Kxfvte DrcwE j vf Kti? 2
- M) tRwmKvi `wotZ `wR'ij stqi f'igi mvt_ evsj vt' tki AwaKvsk f'igi Awgj ,tj v Dc'vcb Ki | 3
- N) KvAbR'zvi GKwU ceZi Povi bvg-G ai'tYi ceZ m'p'oi Kvi Y I 'enk'ot' we'tk'Y Ki | 4
- 8| Zcb we'tKj tej v `v'j mvt_ evi v'vq etm Mi KiuQj | Zcb `v' tK ej j , `v'yGLb tZv kxZKvj Zvicil Mig j vM'tQ| `v'yejtjb, evqg'Utj GLb c0ZvbqZ we'fbaeM'v'tmi ep'xi dtj GKwU c0Zw'p'qv NU'tQ Ges Gi mvgwMK c'f'ive cw_extZ we'f'c c0Zw'p'qv m'p'oi Ki'tQ|
- K) Rj evqyKvK etj ? 1
- L) OmR'okxj Pw'j k'0 Kx? e'vL'v Kti v | 2
- M) Zctbi `v'yevqg'Utj NUv tKvb c0Zw'p'qvUi K_v etj tQb? e'vL'v Kti v | 3
- N) cw_exi mvgwMK cwi'tetki Dci D^3 c0Zw'p'qvUi c'f'ive we'tk'Y Kti v | 4
- 9| w'g. evej ycw_exi we'fbaeAAj N'ti'tQb Ges we'fbaeAA'tj i Avenl qv I Rj evqj g'ta' Zvi Zg' j q' Kti'tQb| wZvb Avi I j q' Kti'tQb, Rj evqj MZ Zvi Zg' we'fbae'v'bt'i I A_`w'wZK Kg'K'v't'Ui Dci I c'f'ive tdtj tQ|
- K) Avenl qv Kx? 1
- L) ew'ocvZ Kxfvte msNwUZ nq? 2
- M) w'g. evej y t' Lv `v'bt'f't' Avenl qv I Rj evqj Zvi Zg' nl qvi Kvi Y e'vL'v Ki | 3
- N) g'v'bt'i I A_`w'wZK Kg'K'v't'Ui Dci D'I'xt'K ew'Z w'0Z'q t'f'it'm'w'j K Dcv'v't'bi c'f'ive it'q'tQ| Z'w'g w'K GKgZ? mct'q' h'p'3 t' Lvl | 4
- 10| tKv'tbv GKwU t' tki AvqZb 3,32,240 eM'w'K:w'g: Ges tgvU RbmsL'v 5,57,32,865 Rb| t' k'w'U e'vcK f'w'g _v'Kv m't'Et' K'w'U KvR Kiv m'ae nq bv| Ab'w' t'K, mvgw'RK m'p'ea'vi Kvi'tY D^3 t' t'k A'tbK Aw'f'evmb Ki'tZ P'vq|
- K) Kvg' RbmsL'v KvK etj ? 1
- L) ODr'm t'tj i av'v RbmsL'vi NbZ; nwm Kti'0-e'vL'v Ki | 2
- M) D'I'xt'Ki Dwj w'eZ t' k'w'U RbmsL'vi NbZ; w'by'q Ki | 3
- N) O'D'I'xt'K Dwj w'eZ Kvi Y `y'Ui g'ta' Aw'f'evmb t'Kvb Kvi YwU tekx c'f'ive we'vi Kti'0-h'p'3 mn gZvgZ `vl | 4
- 11| dvi't'Ki ew'w ivRk'v'nt'Z, P'vK'w' i m'p'v't' tm b'v'iqbM't'A _vt'K| b'v'iqbM't'A tm GKwU w'k'i Kvi Lv'bvq KvR Kti | tm th `v'tb _vt'K tmLv'tb RbmsL'vi NbZ; AwaK| G Kvi'tY Zvt'K c0q RbmsL'vR'wbZ mgm'vi m'p'q'x'b n'tZ nq|
- K) `j Rb'hvi ej'tZ Kx tevS? 1
- L) ki Yv_`ej'tZ w'K tevS? 2
- M) tKvb w'bvqgt'Ki Kvi'tY dvi't'Ki emevmi Z `v'tb RbmsL'vi NbZ; AwaK? e'vL'v Ki | 3
- N) D^3 `v't'bi RbmsL'vR'wbZ mgm'v m'p'v'v'tb w'K w'K c`'t'q'c M'h'Y Kiv hvq Zv we'tk'Y Ki | 4

- 7| gylæZvi Kæt̃m Liv I ^kZ" munòz dmt̃j i mvaviY ^enkó" wj Lj | mgb Zvi Kæt̃m Livmunòz dmt̃j I dmt̃j i Rṽt̃Zi Zwi Kiv ^Zwi K̃ti Dc̃vcb Kij |
- K) Rj evqyKx? 1
- L) Dw̃m̃t̃ i D̃t̃cmKiY ej t̃Z Kx tevS? 2
- M) gylæD³ dmt̃j t̃j vi thme ^enkó" wj Lj Zv D̃t̃j E-K̃tiv | 3
- N) mg̃t̃bi ^Zwi Kiv Zwi K̃w̃J Dc̃vcb K̃tiv | 4
- 8| m̃yRZ evej ewo mg̃y³ Dc̃K̃j eZ̃m̃vZ̃q̃x̃iv t̃Rj vq | w̃Zwb Awew̃ R̃ṽt̃Z̃ ṽbxq Rṽt̃Zi avb Pvl K̃ti Drcṽ t̃b ẽ" nb | Gici K̃w̃l Kg̃R̃Z̃q̃ civg̃t̃k̃w̃ebv avb-8 P̃ṽt̃i w̃m̃x̃ṽS̃-M̃h̃Y K̃tib | GK̃w̃ b K̃w̃l m̃c̃h̃viY Aw̃ã Bi KZ̃R̃ c̃0̃nk̃Z̃ Z̃" w̃P̃I t̃ t̃L m̃yRZ evej eYṽ³ Zv m̃ṽq̃K̃ w̃eṽf̃b̃æ̃d̃mt̃j i Pvl m̃c̃ú̃t̃K̃Ãt̃b̃K̃ Z̃" B Rṽt̃Z̃ cvi t̃j b |
- K) j eYṽ³ munòz dmt̃j K̃ṽK̃ ẽt̃j ? 1
- L) Z̃vc̃gṽI ṽ K̃x̃f̃ṽt̃e K̃w̃l Drcṽ b ẽṽñZ̃ K̃ti? ẽṽL̃ṽ K̃tiv | 2
- M) m̃yRZ evej w̃m̃x̃ṽS̃w̃ m̃w̃K̃ w̃K̃bv Zv ẽṽL̃ṽ K̃tiv | 3
- N) m̃yRZ evej G̃j ṽK̃ṽq̃ K̃w̃l m̃c̃h̃viY Aw̃ã B̃t̃i i K̃vh̃q̃g̃ g̃j ṽqb̃ K̃tiv | 4

- 6) GmGmm cix¶v cvk Kivi ci Awid Avi tj Lvcov KitZ cvtiwb | cieZ®mgta tKv_vl Pvkwi bv tctq Pvgov
 wkt¶i Dci c¶K¶Y wbtq e'emv KitZ DrmwvZ nq | Aw_R mgn'v wbitmb wZwb miKwi Aw_R c¶Zövb I `vbxq
 temiKwi c¶Zövtbi kibvcbnq |
- K) A_¶q¶bi DrmtK gj Z Kq fvtM fVM Kiv hvq? 1
- L) e'emvq m¶c¶v¶tY mwÄwZ Znmetj i fvgKwU e'vL'v Ki | 2
- M) Awid¶K mrvh'Kvix miKwi Aw_R c¶ZövbwU tKvb aitYi c¶Zövb? eY¶v Ki | 3
- N) Awid¶di g¶Zv h¶mgvR¶K `wbf¶ Kivi t¶¶¶¶ temiKwi c¶Zövb_tjv Kx fvgKv cvj b KitZ cvti? e'vL'v
 Ki | 4
- 7) Rbve Avj xg mvtne GKwU ewYwR'K e'vstK 6 eQti UvKv wD_Y n¶ qvi c¶j wmtZ 2 j ¶¶ UvKv Rgv ivL¶Z wmtq Zvi
 eÜi c¶vgtk'e'vstK bv titL 13% g¶vdrvq GKB tgqv¶ i mÄqct¶ µq Kti b |
- K) m¶¶ i n¶¶i Kvi¶Y eZ¶v I f¶el'¶ r mgta¶i g¶a'¶ wkt¶mi cv_R'¶ m¶w nq? 1
- L) P¶ewxKiY c¶¶¶¶¶ e'vL'v Ki | 2
- M) Rbve Avj x¶gi A¶_¶ f¶el'¶ r gj'¶ P¶ewx c¶¶¶¶¶ wY¶¶ Ki | 3
- N) A_¶wbtq¶¶mi t¶¶¶¶ Rbve Avj x¶gi w¶v¶¶¶ th¶¶KZv gj'¶ vqY Ki | 4
- L-wefvM: e'vstKs
- 8) c¶¶xKvtj gvb¶¶i Pwv'v wQj L¶ m¶xgZ | ZLb gvb¶ GKwU `e' wbtq AvtiKwU `e' M¶Y KiZ | cieZ¶Z D³
 c¶vi w¶f¶b¶mgm'vi Kvi¶Y g¶¶i Awef¶e nq | g¶¶ c¶¶¶¶i ciciB e'vsk e'e'vi c¶¶¶RbxqZv t'Lv t'q | g¶¶
 Qrov thgb e'vsk Pj tZ cvti bv, tZgwb e'vsk Qrov g¶¶i e'envi m¶xgZ |
- K) tKvb kZv¶xZ KvMwR g¶¶i c¶¶ b 'i' nq? 1
- L) B-e'vstKs Kx? e'vL'v Ki | 2
- M) D¶xctKi c¶¶xKvtj e'eüZ c¶wU i mgn'v_tjv e'vL'v Ki | 3
- N) g¶¶ Qrov thgb e'vsk Pj tZ cvti bv, tZgwb e'vsk Qrov g¶¶i e'envi m¶xgZ evK'wU Avtj v¶K g¶¶ I e'vstKi
 m¶úK¶e¶k¶¶ Ki | 4
- 9) Bgb Zvi eÜ¶¶i mvt_ Rv'¶¶i c¶k¶xZ wmtq¶¶ | Rv'¶¶i Zviv w¶f¶b¶¶¶¶i g¶¶ msi¶¶Z t'LtZ cvq | Bgb Zvi
 eÜ¶¶i Rvbjv Zvi e'ev e'vsk t_¶K w¶f¶b¶ai¶¶i g¶¶ wbtq Avtm |
- K) e'vsk Kv¶K etj? 1
- L) g¶¶¶K e'vsk e'e'vi Rbbx ejv nq tKb? 2
- M) g¶¶ th me KvR m¶úv' b Kti tm me Zv e'vL'v Kti v? 3
- N) g¶¶i mvt_ e'vstKi m¶úK¶e¶k¶¶ Kti v | 4
- 10) ¶KÖ-e'vsk RbM¶¶i KvQ t_¶K A_¶AvgvbZ wmt¶te M¶Y Kti Ges tm AvgvbZ Ab' e'w³ ev c¶Zövb¶K FY wmt¶te
 c¶vb Kti | eZ¶v¶b GKRB e'w³ 5 j ¶¶ UvKv F¶¶i Rb' GB c¶Zövtbi wBKU Av¶e' b Kti b | wZwb FY cwi t¶va
 KitZ m¶¶g n¶¶ I Zvi mieivnKZ Z_w' e'vsk KgRZ¶¶ wBKU m¶¶ nRbK g¶b nq |
- K) t¶vU I g¶¶ c¶¶ b Kti tKvb e'vsk? 1
- L) e'vstKi Zvi j'¶ b¶wZwU e'vL'v Ki | 2
- M) ¶KÖ-e'vsk tKvb aitYi e'vsk? eY¶v Ki | 3
- N) D¶xctK D¶j w¶Z e'w³¶K FY c¶vb Kivi mgq ¶KÖ e'vstKi KgRZ¶¶K e'vsk e'emv¶¶i tKvb b¶wZwU w¶e¶Pbv
 Kiv D¶PZ etj Z¶g g¶b Ki? gZvgZ `v | 4
- 11) ¶Avi w¶ e'vskÖ G eQi Gm.Gm.wm cix¶¶v¶¶ c¶v¶ Kiv `wi`¶ Qv¶-Qv¶¶¶ i e¶¶ c¶vb Kti t¶¶ | GQrov¶ w¶f¶b¶ai¶¶i
 bZb bZb tmev c¶v¶bi g¶v¶g Zviv e'vstKs KvR¶K mnR Kti t¶¶ |
- K) m¶¶g¶KZ mgta¶i Rb' tgq¶¶ AvgvbZ Kiv hvq? 1
- L) `g' e'vstKs Kx? e'vL'v Kti v | 2
- M) e¶¶ c¶v¶bi g¶v¶g ¶Avi w¶ e'vskÖ Gi g¶¶¶ K I e'e'vcbv KZ¶¶¶i tKvb D¶¶i k'wU m¶wZ n¶¶¶¶? eY¶v Kti v | 3
- N) M¶nK¶¶ i Rb' ¶Avi w¶ e'vskÖ Kx¶v¶e e'vstKs tmev¶K mnR Kti w' t¶¶¶ etj Z¶g g¶b Kti v | 4

tmÈ thv#mdm&^g Abj vBb g#Wj tU÷ — 2020 vL^a

tkiY t 9g

wel q t e"emvq Df"vM (mRbKxj)

wel q t kVw
1
4
3

mgq — 2 NvUv 30 wgvbU

cYgvb — 70

[wetkl ^be't — Wwb cvtki msL'v cÖkå cYgvb ÄvcK | wbtP Duj w-Z D'xcK,tj v gtbvthvMmn cto msuké-ckq,tj vi DÊi ^vl | th tKvb 7wU cÖkå DÊi ^vl |]

- 1) wntgj tQvU tejv t_tKB Qwe AwK | ^g | wevfboAbpv#b tm Qwe l e'vbi wj tL_vtK | Zvi wLpZ l AvKl Pqx KvR t_tL wKfK l eUzevÜe mevB cksmv Kti | cixvivi ci wntgj GKwU Gb,wR,l Gi Abftvta wKQytcv=vi l e'vbi ^Zwi Kti t_q | GtZ Zvi nvfZ wKQyA_P Avtm | Zvi Drmn Avfv tefo hvq | wKŠ'wKQymKQymgm'vi Kvi tY enr cwi mti wntgj Zvi KgP KGMtq wbtZ cvi tQ bv | wntgj ^cet_tL GKw' b Zvi Öwntgj AvUÖ Gi mtpvg l cwi vPvZ Gj vKvi evBti l Öwntq cote |

K) Df"vM i Bsti Rx cÖZkã Kx? 1

L) Df"vM l e"emvq Df"vM i gta" cv_R" Kx? 2

M) D'xcKti wntgtj i gta" Df"v^vi tKvb ,YwU cwi j wntgtZ nqtq? e"vL"v Ki | 3

N) wntgtj i gtZv m^vebvq Df"v^vi i AbcÖwYZ Kivi gva'tg t^tk wekvj Df"v^vi tkiY ^Zwi Kiv m^e? gj"vqY Ki | 4
- 2) evsj v^k GK mgq, e"emv-emvYfR" mviv wetk| m^cwi wPZ wQj | Gt^tk Ggb GKwU e^i ^Zwi ntZv hvi L"vZ t^tk t^tk Öwntq ctoiwQ | tgnbv l kvZj v b^xi Avenv qv Ges Rj xqev^u tmb wL"vZ e"vj i mZv ^Zwi tZ mrvqK wQj | mv^_wQj kigK l Kwii Mit^ i Avšwi K cwi kty l mRbKxj Zv eZgvb e"emvqK cwi tetki me,tj v Dcv^v b i Dbaq NuvtZ cvi tj e"emv emvYfR" i AwK cñvi Nu'te Ges wdti Avmte AZxZ tMš i e |

K) tKvb e^j Rb" evsj v^k i L"vZ mviv wetk| Öwntq ctoiwQ? 1

L) e"emvqK cwi tetk ej tZ Kx tevSvq? e"vL"v Ki | 2

M) tKvb cwi tetki Dbaq i gva'tg D'xcK Duj w-Z kigK l Kwii Mit^ i mRbKxj Zv weKvK m^e? 3

N) eZgvb t^tki e"emv emvYfR" i cñvi NuvtZ D'xcK Duj w-Z e"emvq i tKvb cwi tetki Dbaq Ri"ix etj Zng gtbv Kti v | tZvivi DÊi i cftl hv^ ^vl | 4
- 3) LvMovÖwi ^g wKfK ggvcö gvi gv ^vbq ZuZx tgnv bv gvi gvtK ZwtZ tgnv bv gvi gvtK ZwtZ tev v cY" mvGMi e'vcK Pwn^ v l m^vebv m^útK^avi Yv t^b | e'vcK Pwn^ vi K_v wPŠ+ Kti tgnv bv cvnmo tqtq^ i tcvkvK Ö_wgö ^Zwi Kti wevU Kiv i i^ Kti Ges ^Z DbwZ jvf Kti | tgnv bvi Kvi tY tek KtqKwU tqtqi Kgms^vb nqtqÖ | Zvi tRj vq wZwb wZb eQi hver tmiv bvix Df"v^vi wntmte wetwPZ nqtqÖb |

K) t^tki tgvU Rbkw^ i KZ Ask hjeK-hjeZx? 1

L) AvZ#Kgms^v b i GKwU ^enkó" eYÖv Ki | 2

M) tgnv bvi ^Z DbwZ i tCQt b tKvb wel qwU fvgKv ti tL tQ? eYÖv Ki | 3

N) Öggvcö gvi gvi ci vqK^cÖZcvj bB tgnv bv PvkGvi Rxe'b GZ ^fKwZ Gtb w tqtQÖ-Dw^wU e"vL"v Ki | 4
- 4) bqb Zviv Mötgi ^kg tkYxi wKf^v_gkwdt^ki ever Mötgi GKRb cökfYcÖB cj x-PvkKrmK | wPvkrmvi cvkvvcwK gvbm^S Jla l wevU Kti b | Mötgi wevfboetivMi Jla i e'vcK Pwn^ v_vKv mte j | wKQymgvex Zvi Kvi tY wZwb me ai tYi Jla µq Kti Z cvtib bv | m^z thvMvthvM e"vi Afite Jla tKv^v v bxi GtR'Ui v l cÖqvRbxq Jla mggqZ tCÖvZ cvtib bv | Ab^w tK, t^vkvb msi f^Yi mye e"v bv_vKvi Kvi tY AtbK Jla bó nqt hvq |

K) wkt i cÖqvRbxq KuPvgj tKvb cwi tetk t_tK Avtm? 1

L) w^vkb wkt ej tZ Kx tevSvq? e"vL"v Ki | 2

M) gkwdt^ki eveli e"emvq i tKvb ai tYi? eYÖv Ki | 3

N) gkwdt^ki eveli cftl Gj vKvevxi Pwn^ v gwdK Jla mieivn Kti Z bv civi cñv Kvi Y tKvbU etj Zng gtb Ki | tZvivi DÊi i cftl hv^ ^vl | 4
- 5) AvwZK GKRb e"emvqx | MZ eQti i e"emvtqi f^wZ nl qvq wZwb AtbKwU tft^z cto b | Zvi ci l wZwb GtKevti nvj tQto t^b | wZwb evav wecwi^ AwZµg Kti eZgvb GKRb mdj e"emvqx |

K) gvbem^u^ Dbq b Kx? 1

L) Df"v^vi RbMZFite Df"v^vi e"vL"v Ki | 2

M) e"emvq Df"vM Dbq b evavmgn e"vL"v Ki | 3

N) evsj v^k e"emvq Dbq b weivRgvb evavmgn ^ixKti Y Ki Yxq m^útK^g ZvgZ ^vl | 4
- 6) ivRy mvRy l Äy wZb eUzevÜe Kg cvm Kti tQ | Zviv Zv^i f^wel ^Z cwi Ki bv wbtq Avtj vPbv Ki wQj | ivRy l mvRy Gg. Kg G f^wZ n l qvi wPŠ+ Kti tQ | Äy GLb l w^vš-Povš-Kti tZ cvtib | Kvi Y Zvi eveli B^Qv tm ga" cöf^ i tKvb t^tk Ptj hvK | wKŠ' tgavex i Äy vq t^tkB wKQy Kti Z | GRb" tm nwm-gj wM cvj tbi Dci ^ß gvtmi cökfY

- MõY Kti | GtZ Zvi gtbvej teto hvq| we`tk hvevi UvKv w`tq tm emotZ num-gjvMi Lvgi cõZõv Kti | cõk`qj ä Ävb cõqM Kti wbtRi tPõvq AvR tm mvej`x|
- K) RvZxq A_õmZtZ KwL LvZi Ae`vb kZKiv KZ fivM? 1
- L) evsj v`tki teKvi mgm`v w`b w`b teto hv`Q tKb? e`vL`v Ki | 2
- M) i Äj num-gjvMi Lvgi cõZõv tKvb ai`Yi KvRi AšF? e`vL`v Ki | 3
- N) mvej`x nI qvi wCõtb tKvb YvU i Ätk teuk cõfweZ Kti tQ etj Zvg gtb Ki | we`tkY Ki | 4
- 7| mgb I mRb `ß eÜz`k eQi we`tk Ae`vb Kti m`cõZ t`tk wdti tQb| Zv`i Avi we`tk hvevi B`Ov tbB| mg`tbi GjvKv wPov-gjv `Zwi i Rb` weL`vZ| tmRb` mgb Mõgi `q KwMi t`i GKw`Z Kti enr AvKv`i gvbma`Z DbwZi cvkvcvk KwMi Mi t`i `^Qj Zv evx`tcj | Ab`w`tk, mRb Mõgi HwZn`tk jvj tbi Df`tk` Zvi wBR emotZ GKwL cvWvMi I msMõkvj v cõZõvi wv`vš-wbtj b| GjvKveimx Zv`i KgRv`Ü Lp Ljk|
- K) g`vUjvMv tKvb t`tki tKv`vbx? 1
- L) e`emvqK Svk ej tZ Kx tevSvq? e`vL`v Ki | 2
- M) mR`tbi Mõg cvKvj v I msMõkvj v cõZõv tKvb ai`Yi wPšv? e`vL`v Ki | 3
- N) mg`tbi Df`vM Ab`t`i Rb` Ab`Ki Yx n`Z cv`i -Dw`wU gj`vqY Ki | 4
- 8| K- evRv`i i Rbve Rv`tqi `wi`Zvi Kv`iY Gm,Gm,wv cv`mi ci wZwb `vbxqfvte kvqK I wSbK w`tq wef`bawRwbm `Zwi i cõk`qjY tbb| mivMi cvo t`tk bvbv AvKv`i i wSbK I kvqK msMõ Kti Zv w`tq wZwb SvoemZ, Mnbv, tkv-wcm I tLj bv `Zwi Kti b| Zvi `Zwi cY` mvgMõ chõKt`i wBKU we`vq Kti b| GQovl t`tki wef`bæAA`tj tLj v I cõkõxZ cY` mieivn Kti gpvdv ARõ Kti tQb|
- K) bUõgm&Gi cõvb KvR Kx? 1
- L) i aygnj v`i Kgõs`v`tbi wbuq`E mi KwMi ms`wUi Kv`eug e`vL`v Ki | 2
- M) Rbve Rv`tqi Gi Kgõs`v`vU tKvb ai`Yi eYõv Ki | 3
- N) Df`xctKi e`emvqUi Av`õmvgwRK Ae`v wetePbvq Dchj` t`q`T wbeP`tbi thšv`KZv gj`vqY Ki | 4
- 9| cõZõvb-A : mZv-e`i Pvgov-RjZv, KvW-Avmevi I
cõZõvb-B : we`jr Drcv`b-weZiY, M`vm Drcv`b-weZiY|
- K) cõ`qj tmev Kx? 1
- L) Dbz`hšcwZ e`envi tKvb cvi t`tki AšMZ? e`vL`v Ki | 2
- M) Df`xctK `A` cõZõvbU tKvb wkt`i i AšMZ? e`vL`v Ki | 3
- N) Df`xctK Dvj weZ `B` wkt`i cõZõvbU i `Zj gj`vqY Ki | 4
- 10| Rbve Rv`n` Zvi GK eÜa wBKU t`tk wKQycjR wbtq RweKv ARõbi Df`tk` GKwL cKti gvQ Pvl `i i` Kti b| tRj v m`ti i cvKv iv`v-Zvi cKti i cvk w`tq hvL qv`Z Zvi cKti i ZvRv gvQ kn`i i evRv`i tct`Q Ges tek fvtj v `vgI cv`Qb| dtj wZwb A`i mg`tqi gta` mvej`x ntq I tVb|
- K) e`emv`q mvdj` j v`fi Ab`Zg ceRZ`Kx? 1
- L) AvZ`Kgõs`v`tbi GKwL `ewkõ` eYõv Ki | 2
- M) Rbve Rv`n` i RweKv ARõbi DcvqU Kx? eYõv Ki | 3
- N) Rbve Rv`n` i grm Pvl Kti mvej`x nI qvi cõvb Kvi YvU we`tkY Ki | 4
- 11| Pi d`vk`tbi kvgmj Avj g tgNbv i tgvnbv t`tk tRtj t`i wbtq Bwj k gvQ at`i tfvj vq we`vq Kti b| e`vcK Pwv`v I fvtj v `vg cvl qvq wZwb bZb Rvj , AvajbK mi Ävg msewj Z Uj vi tKbvi K_v fvetQb| wKs`wBR`^Znvej bv `vKvq Aw`R cõZõv`tbi wBKU t`tk FY tbi qvi wPšv-Ki tQb|
- K) ewYR` ej tZ Kx tevS? 1
- L) e`emv`q AvBbMZ cvi tek ej tZ Kx tevSvq? 2
- M) kvgmj Avj tgi e`emvqU tKvb wkt`i i AšMZ Zv eYõv Ki | 3
- N) kvgmj Avj tgi FY tbi qvi cõvqM tKvb cvi t`tki Dcv`vb Zv we`tkY Ki | 4

tmÈ thvřmdm&řg

Abj vBb gřWj řUř — 2020 vL^a

řkřY t 9g

vel q t Z_ř I thvřvřhvM cřhv³ (i Pbv+eřvbeřPbx)

vel q řKvW		
1	4	3

mgq — 2 NřUv 10 vgvbU

cřvřvb — 50

th řKvb řvU cřkře DĚi řvI :

5x5=25

- 1| B-j vřbřvřK? B-j vřbř eřeřvq cřřB mřeav řj v řK řK?
- 2| mřgvřRK thvřvřhvM mřBU řdmeř Ges UBUřři i gřař cvřř řj L?
- 3| vřvřRUvj evřj řř řki j řř Kř? vřvřRUvj evřj řř k řZvi řZ mi Kvři i MřxZ c řřřc řj v Kř Kř?
- 4| Z_ř I thvřvřhvM cřhv³ i veKvřk Pvj ř eřřeR Ges Ařvřv j vřřřm Gi Aeř vb eřřv Ki |
- 5| Avřv³ Kř? řKvb mřU I qřvi BřUj Kivi cřeřřKvb ř K řj vi cřř j řř i vLv cřřqvřb řj L |
- 6| Křvi qvi Mřřb Z_ř I thvřvřhvM cřhv³ i řvřKv řj L |
- 7| řcřřvřgs Kř? řcřřvřgřqi gřařřg Kiv hvq Ggb KřřKřv KřR řj L |

eřvbeřPbx (mřvřK DĚi řvU Lvřvq řj L)	1x25=25
--------------------------------------	---------

- | | |
|---|--|
| <ol style="list-style-type: none"> 1 GKk kZřKi mřřř řnj v-
(K) Křv
(L) řkř eřvřYř
(M) Ávb
(N) LvřR mřřř 2 Pvj ř eřřeřři Rbřřmřj řKvbřU?
(K) 1971
(L) 1793
(M) 1791
(N) 1792 3 řKvb eřv³ Ařvj Mři řg řcřřvřgřqi avi řvřU cřřg
cřřvř Křři řřř b?
(K) Pvj ř eřřeR
(L) řej řMBUM
(M) Ařvřv j vřřřm
(N) j vřevřqi b 4 Zřvř řPřřřKřq eřř i avi řv cřřg cřřvř Křři b řK?
(K) RM řk P řř eřm
(L) řř ř Rem
(M) ř Mřj řřř řgv gřvřKř
(N) řRgm Křřg řř I řřj 5 Arpanet Kř?
(K) BřUvi řbU
(L) řcřřřg
(M) gvřřřřřřřřřř
(N) GKřv řbU I qřřřřř břg 6 řKvb kZřK řgBbřřdg KřřřřřUvi řZvi nq?
(K) Avřřřřř
(L) Dřřk
(M) GKk
(N) řek 7 DBřřřřř Acřřřřřřř řřřřřřř řKvb řKřřřřřř řZvi Křři?
(K) Microsoft | <ol style="list-style-type: none"> (L) Apple
(M) Adobe
(N) Google 8 vřřřřřř řKvbřU řkřřřřřřřřřř i Avřřřř cřřřřZ?
(K) B-Mřbřřřř
(L) B-cřřř
(M) B-j vřbř
(N) B-eřk 9 řmev cřřřřř řřřřř Avřřřř mřř eř nq řKvbřU i gřařřg?
(K) B-Mřbřřřř
(L) Abj vBb
(M) mřkřmb
(N) řgvřvřj 10 Křv řřřřř řKvb Avřřřř cřřřř eřenvřř P I řiv DcřKZ
nřřřř?
(K) B-cřřř
(L) B-Mřbřřřř
(M) B-j vřbř
(N) B-cřřřř 11 Z_ř cřhv³ i cřřřř mřeav řcřřř řnj Kř cřřqvřb?
(K) řřř Křřřřřřřřř
(L) řřř Rbřkřřř
(M) Avřřř řeřřřřřř
(N) Z_ř cřhv³ i eřenvřř eřřř 12 UBUřřřřř i Acřřřřřřř břg Kř?
(K) eřv
(L) mřřřř eřv
(M) nřřřř eřv
(N) gvřřřřřřř eřv 13 BřUvi řbU eřenvřř Ki řřř cřřqvřb nq-
(K) BřUvi řbU
(L) eřřřřřř
(M) řgvřvřj (N) Křřřřřř |
|---|--|

14 | Acvfi wJs wmt ÷ g mdUI q'vi Kx bvtg cwi wPZ?

- (K) tc0M0gs
- (L) Gwc#Kkb mdUI q'vi
- (M) wmt ÷ g mdUI q'vi
- (N) tWUvteR

15 | Acvfi wJs wmt ÷ g tKvbwJ?

- (K) wj bv-
- (L) Gm Gm Wm
- (M) DBtUvR
- (N) me ,tj v

16 | KqWJ avtc mdUI q'vi **delect** Kivi c0uqWJ m0uY© 25 | wkvqZ teKvi RbtMv0x tKvb wkí tK KvR j wMtg

- (K) 8
- (L) 10
- (M) 12
- (N) 14

23 | A'vcw gj Z Kx?

- (K) nvW0 q'vi
- (L) KwúDUvi A'w0#Kkb
- (M) mdUI q'vi
- (N) B'Uvi tBU

24 | wek0'vcx K'wii qvi MVtbi GKwJ eo t0T tKvbwJ?

- (K) KwúDUvi
- (L) Re mvBU
- (M) Z_ I thvMvthvM c0h3
- (N) cvl Kv

17 | cvml qvW0ntZ cvfi -

- (K) w00 KweZv
- (L) Mv0bi j vBb
- (M) ^eÁmbK Awe0'vi
- (N) me ,tj v

18 | we0ki eo eo tKv0úwb ,tj v cvBti wv bRi`wii Kivi Rb` th ms`wJ ^Zwi Kti tQ Zvi bvg Kx?

- (K) BCS
- (L) BSA
- (M) BAS
- (N) BIMSTEC

19 | i'vg `0#K Kx w` t0 cwi 0'vi Ki tZ nq?

- (K) k3 etk
- (L) Zj v
- (M) cvDWvi
- (N) Bti Rvi

20 | Kv` i U0ej i wJs RvbwJ we0kl fvte Ri`wi?

- (K) Mwoi Pj Kt` i
- (L) ICT hš'e`envi Kvi xt` i
- (M) wbg0Zvt` i
- (N) tc0M0gti i

21 | K'vcwvwi KwúDUvti i tKv_vq_vtK?

- (K) gv` vi tevW0
- (L) gv0Uti
- (M) gtWtg
- (N) i'vg `0#

22 | AvBwvwi e`envi wKijc?

- (K) w0gt_x
- (L) wI gt_x
- (M) GKgt_x
- (N) me ,tj v

tmE thvtdm&g

Abj vBb gfwj tU ÷ — 2020 wL^a

tktY t 9g

wel q t wmwve weAvb (mRbkj)

wel q tKw		
1	4	6

cYg vb t 70

mgq t 2 NvUv 30 wgvbU

wetkl `be't — Wvb cvtki msL'v cOkie cYg vb AvcK | wbtP Duj w-Z D'xcK, tj v gtbvthvMmn cto msiké-cOkie tj vi DEi `vl | th tKvb 7wU cOkie DEi `vl ||

1) 2019 mvtj i Rvbpwmi gvfm 00KvRj e'v m0 Gi e'emvtq wbtg^{e3} tj bt` b, tj v msNwUZ nq |

Rvbpwmi -1 e'emvtq gj ab Avbv ntj v 75000 UvKv |

Rvbpwmi -2 18000 UvKv teZtb GKRB g'vrbRvi wbtqvM Kiv ntj v |

Rvbpwmi -7 avti cY" wepμq 50,000 UvKv |

Rvbpwmi -10 bMt` gubnwii μq 2200 UvKv |

Rvbpwmi -12 gwij K Zvi e'w³MZ Znwej tZtK t0tj i `tj i teZb w` tj b 2000 UvKv |

Rvbpwmi -20 AvRv` tUWvfmP wBKU ntZ 3000 UvKv cvl qv tMj |

Rvbpwmi -25 weAvcb eve` cwi tkva 1500 UvKv |

K) tj bt` b bq Ggb NUbvmgn wPnyZ Kti tgvU cwi gvY wBYe Ki | 2

L) KvRj e'v fmP tj bt` b, tj v mgxKiY c×wZtZ Kvi Ymn e'vL'v tj L | 4

M) KvRj e'v fmP tj bt` b, tj v 0viv wmwve mgxKiYi Dci c'fve t` Lvl | 4

2) i Ab tUWvm^gvP²2019 G ivRytUWvfmP wBKU wbtg^{e3} cY" , tj v wepμq Kti b |

gvP⁰1 bMt` 55 UvKv `ti 115 tKwR wPwb |

gvP⁰7 52 UvKv `ti 56 tKwR wPwb |

gvP⁰15 110 UvKv `ti 35 tKwR gmj Wvj |

i Ab tUWvm^ggvU wepμtqi Dci 10% Kvi evix evAv gAj Kti b |

K) i Ab tUWvfmP tgvU wepμtqi cwi gvY wBYe Ki | 2

L) gvP⁰1 Zwi tLi tj bt` tbi wfmE^tZ GKwU K'vktgtgv c0'Z Ki | 4

M) gvP⁰15 Zwi tLi tj bt` b ntZ GKwU Pvj vb c0'Z Ki | 4

3) 00gvnx GvUvi c0BR00 2019 mvtj i Rvbpwmi 1 Zwi tLi bM` 240000 UvKv; 56000 UvKvi hScwZ; 21000 UvKvi cY" `e` wbtq e'emv Avia^t Kij b | D³ gv^tmi Ab'vb`

tj bt` b, tj v wbgie^fc:

Rvbpwmi -01 : Kvtkg tUWvfmP wBKU t_tK cY" μq 34,000 UvKv |

Rvbpwmi -06 : Rwn` tUWvfmP wBKU we`w wepμq Kti b 15,000 UvKv |

Rvbpwmi -07 : t`vKvb fivov c0'vb 16,500 UvKv |

Rvbpwmi -10 : bMt` cY" wepμq 75,000 UvKv |

Rvbpwmi -17 : bMt` cY" μq 35,000 UvKv |

Rvbpwmi -19 : tKK wepμq 60,000 UvKv |

Rvbpwmi -21 : RbZv tUWvfmP wBKU t_tK gq`v μq 17,500 UvKv |

Rvbpwmi -28 : gwij K wBR c0qvRtb e'emvq t_tK D'Ej b Kti b 4,500 UvKv |

K) tgvU wepμtqi cwi gvY wBYe Ki | 2

L) 1, 3, 7 I 10 Zwi tLi tj bt` b, tj v weeiYx QtK wmwve mgxKiYi Dci tj bt` tbi

c'fve t` Lvl | 4

M) 6, 17, 19 I 28 Zwi tLi tj bt` b, tj vi tWwU-tμwU wBYe Ki | 4

4) Rbve i weDj Bmj vg Zvi e'emvq c0Z0vb 00Bmj vg GvUvi c0BR0 Gi e'emvtqi we`wi Z wmwve msi qY Kti b bv | 1 Rvbpwmi 2019 Zwi tLi Zvi e'emvtqi tgvU m^u` I `vtqi cwi gvY h_vpμtq-

5,50,000 UvKv I 1,70,000 UvKv | D³ eQti Rbve i weDj Bmj vg Avi I 50,000 UvKv

bZb Kti e'emvtq wepμtqvM Kti b | D³ eQti wZvb tgvWU 40,000 UvKv bM` D'Ej b

Kti b | 31 wWtm^{af} 2019 Zwi tLi Zvi e'emvtq wbtg^{e3} m^u` I `vqmgⁿ wQj -

bM` 1,85,000 UvKv; Avmevec^t 1,80,000 UvKv; t`bv vi 1,30,000 UvKv; gRy` cY`

90,000 UvKv; e'vK FY 60,000 UvKv Ges cvl br`vi 55,000 UvKv |

K) Bmj vg GvUvi c0BtRi c0i wK gj atbi cwi gvY wBYe Ki | 2

L) Bmj vg GvUvi c0BtRi mgvcxb gj atbi cwi gvY wBYe Ki | 4

M) 2019 mvtj 00Bmj vg GvUvi c0BR00 Gi jvf/qwZi cwi gvY wBYe Ki | 4

5) 00hZxb tUWvm00 `0Zidv `wLjv c×wZ Abymti h_vh_fvte c0ZwU wmwvtei eB msi qY Kti `vtKb | 2019 mvtj i wWtm^{af} gvfm e'emvtq msNwUZ tj bt` b, tj v wbgie^fc:

wWtm^{af}-01 : bM` 15,00,000 UvKv gj ab e'emvtq Avbv ntj v |

wWtm^{af}-12 : 2,50,000 UvKvi Kvcv avti μq Kiv ntj v |

wWtm^{af}-23 : bMt` 60,000 UvKvi Avmevec^t μq Kiv ntj v |

wWtm^{af}-25 : g'vrbRvi wj UbtK teZb c0'vb Kiv ntj v 48,000 UvKv | fvDPvi bs-102

wWtm^{af}-30 : bMt` Kwgkb c0'wB 8,500 UvKv |

wWtm^{af}-31 : 5% evAvq tPK 0viv cY" μq 1,20,000 UvKv |

K) wWtm^{af} gvfm tgvU KZ UvKvi cY" μq Kiv ntq^tQ? 2

L) 00hZxb tUWvm00 Gi Dch^{y3} tj bt` b, tj vi tWwU I tμwU wBYe Ki | 4

M) 00hZb tUWvm00 Gi 24 wWtm^{af} Zwi tLi tj bt` b Ae^j afb GKUv fvDPvi c0'Z Ki | 4

6) 00i web GvUvi c0BR00 Gi 2019 mvtj i 31tk wWtm^{af} Zwi tLi KwZcq wmwvtei D×tEi cwi gvY wbgie^fc:

gv ab	250,000	Avmevec ^t	90,000
eUKx FY	100,000	c0c" wmwve	65,000
AM0g fivov	20,000	c0`q wmwve	40,000
AvqKi	15,000	Avv`vqx mj	5,000

etKqv teZb	12,000	hšcwZ	120,000
Rieb exgvi wčgqvg	5,000	e'vsK wmwve	55,000
cđ` q wej	30,000	bM` vb wmwve	25,000

AMđg cđB Kngkb 4,000 UvKv, mđvg 15,000 UvKv, AbcwMRZ Dcfvov 2,000 UvKv, e'vsK RgvZwi 3 DđE'vj b 8,500 UvKv, etKqv gmbnwi 3,000 UvKv |

- K) Dchš tj bđ` b nđZ tgvU DđE'vj tbi cwi gvY wbyđ Ki | 2
- L) ōiweb G'lvri cđBRŌ Gi m'áú` wmwve wPwYZ Kđi tgvU cwi gvY wbyđ Ki | 4
- M) Duj wEZ wmwve t j v nđZ tgvU `vq wmwvtei cwi gvY wbyđ Ki | 4

- 7 | 2019 mđtj i Rvbqwi gvtmi ōRq tUWwMŌ Gi e'emvđq wbtgve³ tj bđ` b t j v msNwUZ nq: Rvbqwi -01 : bM` μq 60,000 UvKv |
- Rvbqwi -12 : Awđtmi Rb` AvmevecĪ μq 26,500 UvKv |
- Rvbqwi -23 : avđi cY` wμq 1,25,000 UvKv |
- Rvbqwi -25 : Awđm f'vov cđ vb 15,000 UvKv |
- Rvbqwi -28 : e'vsđK Rgv t` l qv nđj v 32,000 UvKv |
- Rvbqwi -30 : avđi cY` μq 28,000 UvKv |
- K) Rvbqwi gvtmi μđqi cwi gvY wbyđ Ki | 2
- L) D³ gvtm Rq tUWwMŌ bM` tj bđ` tbi cwi gvY wbyđ Ki | 4
- M) Rq tUWwMŌ tj bđ` b t j v ōv v wmwve mgxKiđYi gva'tg t` Lvl th, A = L+E. 4

- 8 | Rbve Zcy2019 mđtj i 1 Rvbqwi bM` 170,000 UvKv, cđZwU 75,000 UvKv gđj` i 2wU dđUvKwic tgnkb wbtq ŌKđ'áúR GŪ KwčŌ GKwU e'emv` i i` Kđi b | D³ gvtm Zwi e'emvđqi Ab` tj bđ` b t j v wbgđfc:

- Rvbqwi -03 : e'vsđK 50,000 UvKv Rgv w` t q wmwve tLvđ b |
- Rvbqwi -04 : t` vKvđb `e` jwZK wgvUvi j vMđt'v LiP 15,000 UvKv cđ vb |
- Rvbqwi -07 : dđUvKwic l Kđ'áúRi KwMR μq 2,000 UvKv |
- Rvbqwi -08 : emKđZ GKwU d'v b μq 3,000 UvKv |
- Rvbqwi -15 : t` vKvđbi cwi wPwZi Rb` Gj vKvq 2,000 UvKv e'tq cđvi cĪ weZiY |
- Rvbqwi -24 : GKwU tđj i cđk'adđUvKwic eve` bMđ` t'cj 8000 UvKv |
- Rvbqwi -30 : t` vKv b f'vov eve` 5,000 UvKvi tPK cđ vb |

- K) Dchš Z` nđZ cđi wK gj ađbi cwi gvY wbyđ Ki | 2
- L) Rvbqwi 1, 3, 7 l 15 Zwi tLi tj bđ` tbi mvt` RwoZ wmwvtei t'kđY t` Lvl | 4
- M) Rvbqwi 4, 8, 24 l 30 Zwi tLi tj bđ` tbi t'wweU l tμwU wbyđ Ki | 4

- 9 | ōuj M'vj GBWŌ bđtq Rbve Avmđdqv 2 tg 2019 Zwi tLi Zvi AvBb e'emv Pvj yKđi b | Zvi e'emvđqi cđg gvtmi NUbv t j v wbgđfc:

- tg 02 AvBb tckvq 100,000 UvKv wewbtqM Kiv nđj v |
- tg 04 Awđm f'vov cwi t'kva Kiv nđj v 18000 UvKv |
- tg 08 avđi tmev mi Avg μq Kiv nđj v 40,000 UvKv |

- tg 12 gđ` j t` i AvBwb tmev t` l qv nđj v 30,000 UvKv |
- tg 16 Awđm KgPvixđ` i teZb cwi t'kva Kiv nđj v 10,000 UvKv |
- tg 25 e'vsK t` tK FY tbi qv nđj v 1,00,000 UvKv |
- tg 27 gđ` j t` i avđi AvBwb tmev t` l qv nđj v 60,000 UvKv |
- tg 30 eivKđZ μxZ tmev mi Avđgi gj` cwi t'kva 30000 UvKv |

- K) tmev mi Avđgi Acwi t'kwaZ gj` wbyđ Ki | 2
- L) gym t'kđl Rbve Avmđdqvi `EwaKvđi i cwi gvY wbyđ Ki | 4
- M) tg gvtmi tj bđ` tbi ōv v wmwve mgxKiđY cđve t` Lvl | 4

- 10 | `Zwi tcvkK e'emvqx ōivRy d'vkvbŌ Gi 2019 mđtj i wWt'wđ gvtmi KwZcq tj bđ` b t j v wbgđfc:

- wWt'm:01 5% ev'vq gvgđ d'vkb nđZ cđZwU 300 UvKv t` i 500wU c'wU μq Ges enb LiP 1000 UvKv | Pj v b bs-78, kZ²/5, wU 15
- wWt'm:03 bMđ` c'wU wμq 35,000 UvKv |
- wWt'm:08 gvgđ d'vkbđK 100wU c'wU t` wUhy³ vKvq tdi Z cđ vb |
- wWt'm:10 c'vZb AvmevecĪ tgi v gZ 500 UvKv |
- wWt'm:15 Bmj v g t'vi nđZ cđZđRvov 400 UvKv t` i 200wU kvU²μq, ev'v 10%, kZ² 2/7, wU 30

- wWt'm:20 gvgđ d'vkbđK cwi t'kva 40,000 UvKv |
- K) Dchš Z` nđZ tdi Z cđY` i gj` wbyđ Ki | 2
- L) Dchš tj bđ` tbi w'vEđZ Avđt'vRv d'vkt'bi μq Rvđe` v cđZ Ki | 4
- M) μq Rvđe` v msuk⁶ tj bđ` b e'ZxZ Aen'kŌ tj bđ` tbi mvavi Y Rvđe` v t` Lvl | 4

- 11 | XvKvi ōtmev dvgŌ Gi 2019 mđtj i Rvbqwi gvtmi KwZcq tj bđ` bmgđ wbgđfc: Rvbqwi -01 : bM` 55,000 UvKv, 50,000 UvKvi Kw'áDUvi l 30,000 UvKvi wμqđt'vM` JIa wbtq e'emvq` i i` Kij |

- Rvbqwi -03 : Rvrvb WwMm nđZ JIa μq 80,000 UvKv |
- Rvbqwi -07 : c'vZb GKwU wčŌvi tgnkb wμq 3,200 UvKv |
- Rvbqwi -18 : tgvv` DĒxtY⁶ Kvi đY Rvrvb WwMmđK JIa tdi Z 6000 UvKv |
- Rvbqwi -27 : bMđ` JIa wμq 1,40,000 UvKv |

- K) Dchš Z` nđZ cđi wK gj ađbi cwi gvY wbyđ Ki | 2
- L) Rvbqwi 3 t` tK Rvbqwi 27 Zwi tLi tj bđ` tbi mvavi Y Rvđe` v t` Lvl | 4
- M) Dchš tj bđ` bmgđni w'vEđZ bM` vb wmwve, Awđm mi Avg wmwve, μq wmwve l cvl b'v i wmwve cđZ Ki | 4