

Q3. Read the following passage carefully and answer the questions that follow choosing the best option given after each: (10)

MY MOTHER

I have written this poem
to show you I care
Because whenever I need help
you're always there.
You will always be
my dearest mother
And I couldn't wish or hope
for any other.
The heavens above
Cannot compare with you
Your passion so deep
and your love so true.
You teach me everything you know,
and you help me in every way
I want to see you happy
every single day.
You may think I don't appreciate you
and all the things you do for me.
But I love you so much,
I just hope you can see.
You will always be in my heart
till the day that I die
I hope we never part
or say goodbye.

- I. The poet devotes his poem to his mother _____
- | | | | |
|----|---------------------------|----|-----------------------|
| a. | because he needs her help | b. | to be thankful to her |
| c. | to get the mother's love | d. | all of the above |

II. Which of the following lines shows that the poet's mother is very caring?

- a. Whenever I need help you're always there.
- b. You will always be my dearest mother.
- c. Your passion is so deep and your love so true.
- d. You will always be in my heart.

III. Which of the following words means 'to praise'?

- a. appreciate
- b. passion
- c. heavens
- d. compare

IV. Choose the statement which is 'NOT TRUE' in context of the poem.

- a. the poet will never forget his mother
- b. the poet doesn't appreciate her
- c. the mother always comes to help her child
- d. the poet wants to see his mother always happy

V. Who says, 'I need help' –

- a. poet
- b. mother
- c. friend
- d. child

Q4. Rearrange the following words/phrases to form meaningful sentences. (10)

a. never/ himself/large/solutions/economic/with/Gandhiji/political/or/contented

b. Backwardness/wanted/immediately/cultural/Gandhiji/and/social/seeing/the/do/someth
ing/to

c. Doctor/ for/ got/ to/ his/ months/ services/ Gandhiji/ a /volunteer/ six

d. You /want/ this/ done/ work/ 9 a.m./ if/ 2 p.m./ should/ come /better//between/ you /to

e. the/ and/ cup/ seeds/ my/ them/garden/ collect/ I/ from/plants/ in/a/keep/in

Q5. Complete the following paragraph by filling in the blanks with the right verb given in the options. (5)

The caves of Ajanta and Ellora a)(is/are/were)the magnificent works of a sculpture. They (b)(is/was/are)situated near Jalgaon in Maharashtra. Whoever.....(go/goes/went)there.....(became/become/becomes) spellbound. Thousands of tourists (e).....(visit/visits/visited)these places every year. One can stay in guest houses.

Q6. There is one error in each line of the passage. Underline the error and write the correct word in the space beside the line as shown in the example (10)

	correction
I) A saint <u>walks</u> the streets of Kolkata.	_____walked_____
It can happen only at India. It	a)_____
istime that us realize our	b)_____
strength. We are greater people. We	c)_____
have so much religious leaders.	d)_____
II) The Chief Minister in Gujarat	e)_____
met the student of SRCC	f)_____
in 6 th February in Delhi.	g) _____
He deliver a lecture on	h) _____
the global roll of Gujarat economy.	i)_____
His lecture is appreciated by all.	j) _____

Q7. Combine the following sentences using connectors given in the bracket (10)

a) I was ill. I could not go to school. (because)

b) Raman lost all his wealth, he remained cheerful.(though,yet)

c) Mumbai is a big city. It is called Bollywood.(which)

d) I lost my watch. I was dancing.(while)

e) Rahul is a singer. His sister is a painter.(whereas)

Q8 Change the voice of the following sentences. (10)

a) My father decorated that house.

.....

b) Who broke the cup?.

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c) Rahul has changed the channel.

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d) We ought to pay our taxes on time.

.....

e) Does she make garlands?

.....

Q9 Change the sentences into indirect speech. (10)

a) "Have you finished painting the room?" she said.

b) "Where is the camera," said Mrs Henry.

c) "We were playing football," he said to the coach.

d) "Please collect the books today," said the teacher.

e) "Alas! We lost the match." she said.

ivaYaya - ihMdl

kula AMk - 100

p`0 1...inamnailaiKt gaVaMSa kao pZ,kr ide gayao p`SnaaoM ko]%tr ilaiKe...

Baartlya naarl sava-gauNa saMpnna hO.vah]%saga- , %yaaga , dyaa , xamaa , mamata AaOr saaOMdya- kl p`tlk hO. naarl ko yao gauNa

ijatnao Bal ivakisat haOM ,]naka mah%tva va AakYa-Na]tnaa hl baZ,ta hO.Baartlya naarl vyaiYT maom samaiYT kao doKtl hO

[sailae AadSa- naairyaa^ Qa`uva naxa~ kl Baa^it p`kaSamaana hOM.naarl ka hl dUsara naama Ead\Qaa hO. AadSa- naarl ko mana kl

xamata [tnal ivaSaala hO.ijasao Bagavaana vaamana ka pOr Bal nahIM maap sakta. raYT/-inamaa-Na maom naarl ka baD,a mah%tvapUNa-

]%trdaiya%va hO. %yaaga , tpsyaa saaQanaa tqaa AihMsaa kl p`itmaUit-Baartlya naarl ek eosal Sai@t hO ijasako AaQaar

pr Baartlya samaaja maom naUtna jaagarNa kl navala baolaa laa[- jaa saktl hO.naarl pirvaar kl jaana hO AaOr pirvaaraom ko samaUh

ka hl dUsara naama samaaja hO. hmaara vat-maana samaaja dasta ko dUIyat p`Baava sao kovala maOlaa hl nahIM hao gayaa hO bailk

[sakl Bavya dlvaarom, camaktl hu[- malnaarom TUT-fUTkr QaraSaayal hao caUkl hOM.maa^ ko \$p maom ivaQaata kl sava-EaoYz klaakRit

naarl hl Baartlya Atlt ko KMDhr maom puna: jalivat banaa saktl hO.

k...]pyau-> gaVaMSa ka]icat SaiYa-k ilaiKe.

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K... Baartlya naarl ko gauNaaom ka vaNa-na kliaae Æ

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ga... naarl ka mana kOsaa haota hO Æ

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Ga... naarl kao pirvaar kl jaana @yaaOM kha gayaa hO Æ

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=... samaaja kl @yaa dSaa hao ga[- hO Æ

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ca... ide gae SabdaoM ko ivalaaoma Sabd ilaiKe.

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dMD , laGau , puratna

p`0 2... ima~ ÀsaKI kao prixaa maOM p`qama sqaana p`aPt krnao pr baQaa[-
p~ ilaiKe

20

yaa

saa[ikla caorl hao jaanao pr puilasa AiQakarl kao irpaoT- dja,- krato
hue p~ ilaiKe...

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प० 3... inamnailaiKt maom sao iksal ek ivaYaya pr 80 SabdaoM maom ek AnaucCod ilaiKe... 20

pyaa-varNa AaOr PlaaisTk Ê praopkar , skUla maom phlaa idna ,
p`at: kala ka dRSya

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p`0 4... inamnailaiKt p`SnaaoM ko]<ar inad-oSaanausaar ilaiKe...

k' saMiQa klijae...

4

caMd` +]dya rama + [-Svar

.....

pir + AavarNa Ait + AMt

4 K' inamna p`%yayaaOM sao nayao dao-dao Sabd banaakr ilaiKe...

[k]

AahT

ga' inamnailaiKt vaa@yaaOM kao kao Sauw krko ilaiKe...

4

saD,k maOM mat

BaagaaOM.....

vah pagala jaanavar hao gayaa hO.

.....
ek fUlaaOM ka gauladsta laa dao.

.....
]saka p`aNaa inakla gayaa.

8 Ga' inamnailaiKt mauhavaaraOM kao vaa@yaaOM maOM p`yaaoga
klijae.....

kmar ksanaa

kaolhU ka baOla

hvaa hao jaanaa

P`aaNa saUK jaanaa

=
4

iknhIM

dao

ka

vaNa-

-ivacCod

klijae.....

vyaakrNa

]nnait

saama`qya-

p`0 5... inamnailaiKt p`SnaaoM ko]<ar inad-oSaanausaar ilaiKe...

k' inamna ilaiKt vaa@yaaom maom]icat ivarama-icah\naaom ka p`yaaoga
krko ilaiKe..... 4

vaah iktnaa sauhavanaa maaOsama hO

saunalta nao kha maOM balmaar hU^

tuma idllal kba AaAaogao

laaBa haina sauK duK jalvana maom Aato rhto hOM

K' inamna samast pdaoM ka ivaga`h krko samaasa ka naama BI ilaiKe.....
4

i~vaoNal

rajapu~

p`itidna

idna-rat

ga´ rcanaa ko AaQaar pr vaa@yaaOM ka Baod iliKe...

3

vah Gar gayaa AaOr pZ,nao baOz gayaa.

koSava pZ,kr saao gayaa

jaOsao hl maOM sToSana phu^caa , gaaD,l cala dl.

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1. Tick the correct option :2 X 10 = 20

(1) In rational numbers associative property does not hold in

a) Subtraction	b) Division	c) Both subtraction and division	d) None of these
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(2) An algebraic equation is an _____ involving variables

a) Inequality	b) Equality	c) Both inequality and equality	d) None of these
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(3) A square holds all the properties of a _____

a) Parallelogram	b) Rhombus	c) Parallelogram , Rhombus,Rectangle	d) None of these
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(4) Grouped data can be presented using _____

a) Histogram	b) Circle graph	c) Both histogram and circle graph	d) None of these
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(5) If a natural number 'm' can be expressed as n^2 , where 'n' is also a natural number then 'm' is a

a) Square number	b) Natural number	c) Both square and natural number	d) None of these
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(6) The smallest number by which 68600 must be multiplied to get a perfect cube is

a) 5	b) 2	c) 7	d) None of these
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(7) Discount can be calculated as $\text{Discount} = D\%$ of _____

a) Marked price	b) Cost price	c) Selling price	d) None of these
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(8) Adding $5m(3 - m)$ and $6m^2 - 13m$, the result is

a) $m^2 + 2m$	b) $2m - m^2$	c) $-5m^2 + 15m$	d) None of these
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(9) A polyhedron has 6 vertices , 12 edges and _____faces

a) 8	b) 20	c) 18	d) None of these
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(10) Area of a rhombus whose diagonals are 10cm and 8.2 cm is _____ square cm

a) 41	b) 82	c) 42	d) None of these
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All the questions from Q2 to Q9 carry 4 marks each

8 X 4 = 32

Q2 Simplify : $\{ (\frac{1}{3})^{-2} - (\frac{1}{2})^{-3} \} \div (\frac{1}{4})^{-2}$

Q3 There are 100 students in a hostel. Food provision for them is for 20 days.How long will these provisions last, if 25 more students join the group?

Q4 Divide $z(5z^2 - 80)$ by $5z(z + 4)$.

Q5 Find $\frac{2}{5} \times \frac{-3}{7} - \frac{1}{14} - \frac{3}{7} \times \frac{3}{5}$.

Q6 What should be added to twice of $\frac{-7}{3}$ to get $\frac{3}{7}$?

Q7 'HELP' is a parallelogram in which the diagonals intersect each other at O. If $OE = 4\text{cm}$, HL is 5 cm more than PE then find OH.

Q8 On a particular day the sales (in Rs) of different items of a shop are as follows. Find the central angle for each item and write it in the box provided.

ITEM	BREAD	FRUIT BREAD	CAKE and PASTRIES	BISCUITS	OTHERS	TOTAL
SALE(RS)	320	80	160	120	40	720
CENTRAL ANGLE						

Q9 A bag has 4 red balls and 2 yellow balls. A ball is drawn without looking into the bag. Find the probability of getting a red and a yellow ball.

All the questions from Q10 to Q17 carry 6 marks each

8 X 6 = 48

Q10 Find the greatest 4-digit number which is a perfect square.

Q11 Find the cube root of 9261000.

Q12 Minu bought two fans for Rs 1200 each. She sold one fan at a loss of 5% and other at a profit of 10%. Find selling price of each fan and also total profit or loss.

Q13 Simplify $(a + b)(a - b)(2a - 3b + c) - (2a - 3b)ac + (a + b)(2a - 3b + c)$

Q14 Solve using suitable identity :

(a) 194×206

(b) $(4.9)^2$

Q15 Factorise :

(a) $6xy - 4y + 6 - 9x$

(b) $(x^2)^2 - (y^2)^2$

Q16 A rectangular piece of paper 11cm X 4cm is folded without overlapping to make a cylinder of height 4 cm. Find the volume of the cylinder.

Q17 The digits of a two digit number differ by 3. If the digits are interchanged and resulting number is to be added to original number we get 143. Find the original number.

Q I: Multiple choice questions- (Tick the correct answer):

(1x5=5)

1. Which of the following units would you use to measure force?

a) kilogram	b) newton
c) gram	d) joule

2. The pressure with increase in area of contact:

a) decrease	b) increase
c) no change	d) none of these

3. Which part of the ear transmits sound vibrations to the brain?

a) Cochlea	b) Stirrup
c) Eardrum	d) Auditory nerve

4. In which of the following the physical contact is not required?

a) Friction	b) Induction
c) Conduction	d) None of these

5. In human eye, the image of an object is formed at:

a) Cornea	b) Iris
c) Eye lens	d) Retina

Q II: Fill in the blanks:

(1x5=5)

1. Moving parts of machine are oiled to _____ friction.
2. Liquid pressure _____ with an increase in depth.
3. The time taken by metal bob to complete one oscillation is called its _____.
4. The _____ scale is used to measure the intensity of earth-quake.
5. In reflection, the angle of incidence is equal to the angle of _____.

Q III: Answer the following questions in one word or one sentence:

(1x3=3)

1. Which force causes the small bits of paper to cling a comb rubbed with dry hair?

2. What is an epicenter?

3. Name any instrument based on multiple reflection of light?

Q IV: Give one difference between:

(2x1=2)

Regular and diffused reflection

Q V: Answer the following questions:

(2x5=10)

1. Write two ways to minimize friction.

2. Why does a porter put a round piece of cloth on his head?

3. Why is it harmful to get exposed to loud noise for a long time? Give any two reasons.

4. How are earthquakes caused?

5. What do you mean by power of accommodation of eye?

SECTION – CHEMISTRY

M.M = 25

Q.I Fill in the blanks:

(1X2=2)

1. Acrylic is used as substitute for_____.
2. The various components obtained after refining of petroleum are called _____.

Q.II Give a scientific term / one word for the following:

(1X2=2)

1. The slow process of conversion of dead vegetation into coal._____
2. The charged particles in a liquid are known as _____.

Q.III Give an example of the following:

(1X2=2)

1. Product of destructive distillation of coal: _____
2. Liquid non metal: _____

Q.IV Find the odd one out in each of the following group:

(1X2=2)

1. Sand, Paper, Coal, Wood
2. Salt solution, Sugar solution, Sulphuric acid solution, Tap water

Q.V Given below is a few jumbled word. Arrange it into meaningful scientific term. (1X1 =1)

1. TROELPLATIECNG _____

Q.VI Give one difference between:

(2X1=2)

Thermoplastics and Thermosetting plastics

Q.VII Answer the following questions:

(4X2=8)

1. Name a material use for making non sticky coating of pans?

2. What is electrolysis?

3. Why should we discourage the use of chlorofluorocarbons?

4. Which property of carbon dioxide is applied in extinguishing fire?

Q VIII. Multiple Choice Questions—Tick the correct answer:

(2X3=6)

1. Which of the following is the hardest non metal?

a) Zinc

b) Phosphorus

c) Diamond

d) Sulphur

2. Colour of luminous flame is:

a) Blue

b) Yellow

c) Dark

d) Purple

3. Current flows due to the movement of:

a) Protons

b) Neutrons

c) Electrons

d) Entire nucleus

Subject: Biology

MM: 25

Q I. Multiple choice questions -Tick the correct answer:

(1X5=5)

1. Which of the following is a leguminous crop?

a. Rice

b. Soyabean

c. Wheat

d. Maize

2. The vector for dengue virus is

- a. protozoan
- b. housefly
- c. anopheles mosquito
- d. Aedes mosquito

3. Which of the following is found only in animal cells?

- a. Centriole
- b. Cell wall
- c. Cell membrane
- d. Ribosome

4. Which among the following reproduces by budding?

- a. Hydra
- b. Yeast
- c. Rose
- d. Both a and b

5. Which of the following is a hormone secreted by the master gland?

- a. Insulin
- b. Growth hormone
- c. Thyroxine
- d. Adrenaline

Q II. Fill in the blanks:

(1X5=5)

1. The beginning of menstruation is called _____.
2. Full form of IVF is _____.
3. In fungi, the cell wall is made up of _____.
4. _____ is the animal species of a particular region.
5. _____ bacteria causes citrus canker.

Q III. Answer the following questions in one word/ one sentence:

(1X5=5)

1. What do you mean by broadcasting in agricultural methods?

2. Name the pathogen of malaria which is transmitted by female anopheles mosquito.

3. How many chromosomes are present in a bacterial cell?

4. In lizards, how sex is determined?

5. What is metamorphosis?

Q IV. Give one difference between:

(2X5=10)

1. Endocrine glands and exocrine glands

2. External and internal fertilisation

3. Prokaryotic and eukaryotic cells

4. Biosphere reserve and national park

5. Mixed cropping and intercropping

SECTION – B (G.K.) (25)

Q.I Answer the following questions.

(15 X 1=15)

1. Which river, from which Alexander The Great had to turn back in 326 BC, is called Hydapses in Greek?

2. Which major Jain pilgrimage centre in the state of Jharkhand is also the highest point in the state?

3. From where in Rajasthan was the marble for the Taj Mahal mined and brought to Agra?

4. Who was the first British Monarch to visit India?

5. In 19th century which ruler was simply known as Raja of Lahore?

6. After whom is the landmark Howrah Bridge in Kolkata named?

7. Which state of India has largest road length?

8. Which is the biggest of all the planets of the solar system?

9. Who was the first Mughal emperor of India?

10. Name the line of boundary between India and Afghanistan.

11. Who propounded the theory of conditioned reflex?

12. Which is the highest honour in the field of sports?

13. Which is India's highest peacetime gallantry award?

14. Name the doctor who specialises in the treatment of heart diseases.

15. Who was the first commander-in-chief of free India?

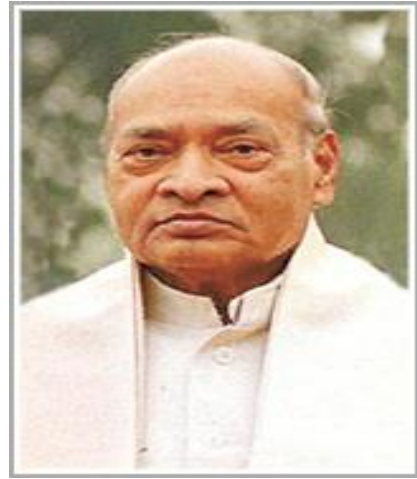
Q II. Look at the pictures given below and identify ex-Prime Ministers of India. (2X5=10)



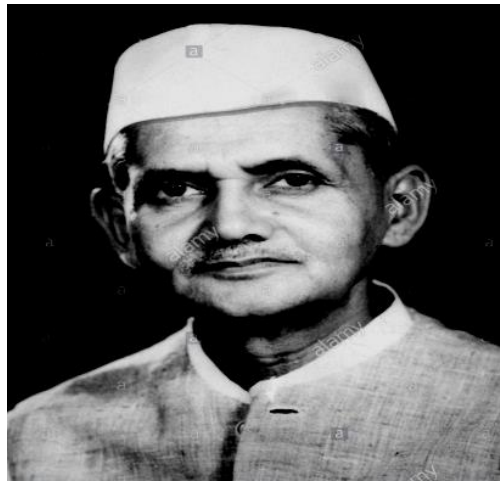
1. _____ 2. _____



3. _____



4. _____



5. _____