

Q2. Read the following passage carefully and answer the questions that follow: (15)

Bamboo is perhaps the most useful plant in the world. It grows in almost all tropical and subtropical countries. The only continents in which bamboo does not grow are Europe and Antarctica. In India, it grows extensively in the north-east and in the Western Ghats. There are varieties of bamboo that grow to a height of 40 metres, and others that reach a height of only a metre. Bamboo is among the fastest-growing plants of the world; one plant in Japan recorded a growth of 121 centimetres in one day! You could almost see it growing! The bamboo is a variety of grass, with a woody, many-jointed stem. The stem itself is hollow and is connected to a rhizome network which spreads out beneath the surface of the soil. Roots grow out of this network of rhizomes and help the plant to absorb and distribute food and water from the soil. Many species of bamboo flower once in several years and then die. One species flowers regularly once in 120 years : bamboos of that species all over the world flower together in the same year, and then die.

Bamboo is a versatile plant. Men have found several uses for it. Bamboo shoots are a staple diet in many Asian countries. The shoots are pickled or stewed, and served as delicacies. The fleshy fruits of one species of bamboo in Assam are eaten raw or cooked. When there is a drought, bamboo seeds are used as a substitute for rice.

Choose the most appropriate option:

1.1 Bamboo grows in_____.

- | | |
|---------------------------|------------------------------|
| (a) Asia and Africa | (b) America and Europe |
| (c) Europe and Antarctica | (d) Australia and Antarctica |

1.2 Pick the odd pair of words:

- | | |
|--------------------------|--------------------|
| (a) Bamboo-Western Ghats | (b) Stem-Hollow |
| (c) Rhizomes-Flowers | (d) Shoots-Pickles |

1.3 The bamboos can grow as high as_____and as low as_____.

- | | |
|-----------------------------------|-----------------------------------|
| (a) one meter; forty meters | (b) 121 centimeters; forty meters |
| (c) forty meters; 121 centimeters | (d) forty meters; one meter |

- 1.4 Which part of Bamboo is not used in eating?
- (a) fruit (b) shoot
(c) root (d) seed
- 1.5 Find a word which means : '*having many qualities*'.
- (a) extensively (b) versatile
(c) distribute (d) substitute
- 1.6 State whether the following statements are True or False.
- a) Bamboo is a kind of tree.
b) The stem of bamboo is hollow.
c) Bamboo is one of the slowest growing plants.
d) Roots of bamboo absorb food from soil.
e) Bamboo grows mainly in north-eastern parts of India.

Q3. Fill in the blanks with the tenses of the verb as directed: 5*2=10

- a) They.....(buy)several books from the fair.(present continuous tense)
b) Jaya.....(turn) eighteen this year.(simple present tense)
c) Amar.....(bring) his dog for the picnic.(simple future tense)
d) Mr. Sharma.....(teach) us English. (past continuous tense)
e) We (hear) the news yesterday.(simple past tense)

Q4. Give the Plural of the following Nouns: 5*2= 10

- a) Cherry
- b) Thief
- c) Goose
- d) Ox
- e) Father-in-law

Q5. Write whether the following nouns are countable or uncountable. 5*2= 10

- a) Grass
- b) Cake
- c) Person
- d) Apple
- e) Gold

Q6. Fill in the blanks with appropriate adjective: 5*2=10

- a) Mrinal is angirl.
- b) We should not be towards animals.
- c) The whale is the animal.
- d) I help.....mother in her daily chores.
- e) I kept.....eggs in the tray.

Q7. Fill in the following table with the right comparison of adjective. 10*1= 10

POSITIVE	COMPARATIVE	SUPERLATIVE
	Bigger	
difficult		
		worst
easy		
		last

Q8. Fill in the blanks with a suitable pronoun. 5*2=10

- a) He... helped the patients.
- b) This bag is not yours. It is.....
- c) Jyoti and I are good friends.....help each other.
- d) These are her books. These books are
- e) Proteins are needed for the growth of the body.....also helps the body to replace dead cells.

Tick the correct option :

2 X 10 = 20

- (1) The estimated sum of 28019 and 32925 is
a) 61000 b) 70000 c) 60000 d) None of these
- (2) 9 paise is written as Rs _____
a) 0.90 b) 0.09 c) 9.00 d) None of these
- (3) Rounding off 218765 to nearest lakh is
a) 200000 b) 300000 c) 100000 d) None of these
- (4) $\frac{1}{3} \div 3$ is
a) $\frac{1}{9}$ b) 9 c) 1 d) None of these
- (5) 3.2 kg is equivalent to _____g
a) 3.20 b) 32 c) 320 d) 3200
- (6) The area of a rectangle is 24 sq cm. Which of the following can not be the possible sides of this rectangle ?
a) 1cm , 24cm b) 6cm,4cm c) 8cm , 4cm d) None of these
- (7) If two lines are at right angles to each other , they are called_____lines.
a) Parallel b) Perpendicular c) Symmetrical d) None of these
- (8) The side of a square is 3.3 m . Its perimeter is _____m.
a) 13.2 b) 9.9 c) 6.6 d) None of these

(9) Adding 5 rupees 12 paise and 18 rupees 9 paise we get Rs _____

- a) 23.21 b) 13.30 c) 17.27 d) None of these

(10) An angle whose measure is 180° is called a _____ angle.

- a) Right b) Acute c) Straight d) None of these

All the questions from Q2 to Q9 carry 4 marks each 8 X 4 = 32

Q2 The sum of two numbers is 4482308. If one number is 918695, find the other number.

Q3 Subtract 5317903 from 6823812 and check your answer.

Q4 Write in column and add : 2.59 , 100.6 , 33.026 , 4.83 and 134

Q5 Rinki read $\frac{1}{3}$ part of a book on Monday, $\frac{1}{8}$ part on Tuesday and $\frac{1}{12}$ part on Wednesday. What fraction of the book did she read in three days ?

Q6 Five tins have 92 litre 70 millilitre ghee. Find the capacity of one tin.

Q7 A school closed for Christmas break on 20th December and reopened on 4th January next year. How long did the school remain closed ?

Q8 Draw the angles of 30° and 120° using protractor and also name the type of angle.

Q9 The length of the side of a square field is 140 metres. How much will it cost to fence the field at Rs 8 per metre?

All the questions from Q10 to Q17 carry 6 marks each **8 X 6 = 48**

Q10 A room is 6.8 m long and 3.2 m wide. It is to be paved with square marble tiles of side 40 cm. How many such tiles will be required ?

Q11 Each side of a small cubical box is 3 cm. There is another big cubical box whose each side is double of the small box. How many small boxes will fit in the big box?

Q12 Ram goes for a walk in the morning. He walks 3 km 250 m everyday. How many km does he walk in the month of March? Does he walk more than 100km? If so, how much?

Q13 Atul ordered for 1 kg 30 g rice. The shopkeeper weighed 1.30kg rice for him. Did he get the correct weight ? If not , what should be the correct weight?

Q14 If 1 kg potatoes cost Rs 16 , find the cost of $3\frac{3}{4}$ kg potatoes.

Q15 Mukul left at 5:30 a.m. on Friday and drove to Mumbai. He reached Mumbai at 3:15 p.m. on Monday. How long did it take him to reach Mumbai ?

Q16 If the weight of 5 boxes of sweets is 6.250kg , how much will 2 boxes weigh ?

Q17 The product of two numbers is $\frac{8}{15}$. If one of the numbers is 24, find the other number.

SECTION – A (SCIENCE) (75)

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

(1X10=10)

1. The process of digestion starts from the _____
 - a. Mouth
 - b. Stomach
 - c. Small intestine
 - d. Large intestine
2. How many molars do we have?
 - a. 2
 - b. 4
 - c. 8
 - d. 12
3. Muscles are attached to the bones by strong tissues known as
 - a. Vertebrae
 - b. Tendons
 - c. Ligaments
 - d. Muscle tissue
4. The female part of the flower is known as
 - a. Anther
 - b. Stamen
 - c. Carpel
 - d. Sepal
5. The mineral which helps in making bones and teeth strong is
 - a. Calcium
 - b. Iron
 - c. Mica
 - d. Hemoglobin
6. Deficiency of iron causes
 - a. Bow legs
 - b. Swelling in gums
 - c. Numbness
 - d. Anaemia
7. Smoother surface will have
 - a. More friction
 - b. Less friction
 - c. Same friction
 - d. No friction
8. Butter paper is a/an _____ object.
 - A. Transparent
 - B. Translucent
 - C. Opaque
 - D. None Of These
9. The rabies virus is carried by
 - A. Dogs
 - B. Hens
 - C. Ants
 - D. Mosquitoes

10. Disease not caused by virus is

A. Chicken Pox

B. Common Cold

C. Malaria

D. Measles

Q II. Fill in the blanks:

(1X10=10)

1. India is located in the continent of_____.
2. The delta formed at the mouth of Ganga and Brahmaputra is_____.
3. The pipe that takes the food down to the stomach is_____.
4. The glands that produces saliva is_____.
5. _____iste longest bone in our body.
6. _____help in the movement of bones by contraction and relaxation.
7. The thick outer covering which protects the seed is_____.
8. Nutrients that provide energy for later use are _____.
9. Things fall on the ground due to_____force.
10. Force is required to do_____.

Q III. Give a scientific term/ one word:

(1X10=10)

1. The immediate help given to the victim before the doctor arrives.
_____.
2. Animals that eat both plants and animal flesh.
_____.
3. The process of eating one organism by the other and getting eaten by another.
_____.
4. Sudden shaking of the earth's surface.
_____.
5. Push or pull acting on an object.
_____.

6. Transfer of pollen grains from anther to stigma.

_____.

7. The process by which a seed grows into a baby plant.

_____.

8. A place where two bones meet.

_____.

9. Types of muscles found in the heart.

_____.

10. Group of organs working together to perform a specific function.

_____.

Q IV. Give one example of:

(1X5=5)

1. Sense organs:

_____.

2. Ball and socket joint:

_____.

3. Deficiency diseases:

_____.

4. Forms of energy:

_____.

5. Natural calamities:

_____.

Q V. Find the odd one out from each of the following group:

(1X5=5)

1. Incisors, canines, tongue, molars.

_____.

2. Heart, arteries, veins, capillaries.

_____.

3. Carrot, radish, sweet potato, potato.

_____.

4. Malnutrition, beriberi, rickets, Malaria. _____.

5. Sunlight, plants, water, air. _____.

Q VI. Given below are a few jumbled words taken from various diseases caused by microorganisms. Arrange them into meaningful words: (1x5=5)

1. OLCHARE: _____.

2. RALAIAM: _____.

3. UFL: _____.

4. ELSSEAM: _____.

5. INGRROWM: _____.

Q VII. Give one difference between: (2X5=10)

1. Movable and immovable joints.

2. Pollination and fertilisation.

3. Deficiency diseases and communicable diseases.

4. Biotic and abiotic components.

5. Carnivores and omnivores

Q VIII. Answer the following questions in one word/ one sentence: (2X5=10)

1. Write the function of most important organ in the circulatory system.

2. What is the function of the rib cage?

3. Why are leaves called the food factory of the plant?

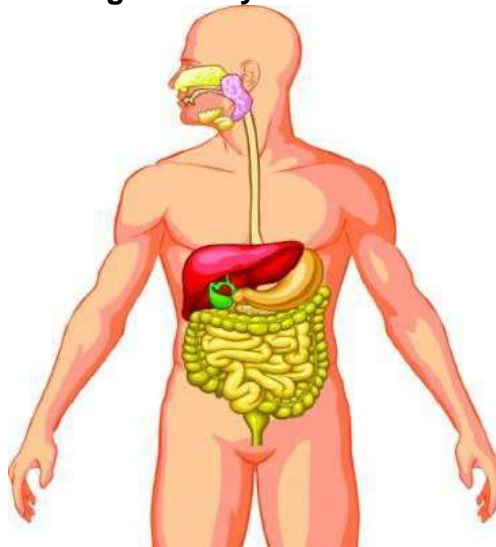
4. Why shouldn't we consume extra fat?

5. When is work said to be done?

Q IX. Diagram based question:

(2X5=10)

1. Label any five organs of digestive system shown in the following picture:



SECTION – B (G.K.) (25)

Q I. Match the following cities with the states where situated.

(2X5=10)

- | | |
|--------------|-------------------|
| 1. Bijapur | a. Andhra Pradesh |
| 2. Chittor | b. Karnataka |
| 3. Hyderabad | c. Uttar Pradesh |
| 4. Sikandra | d. Meghalaya |
| 5. Shilong | e. Rajasthan |

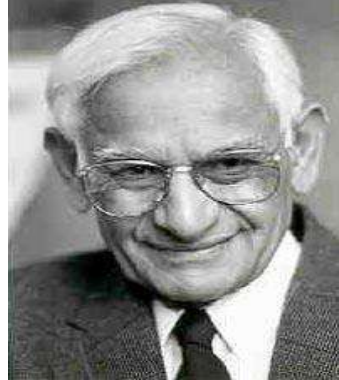
1. _____ 2. _____ 3. _____ 4. _____ 5. _____

Q II. Identify these Nobel Laureates and write their names. (2X5=10)



1. _____

was the first Indian scientist to win the Nobel Prize.



2. _____

was awarded the Nobel Prize for medicine.



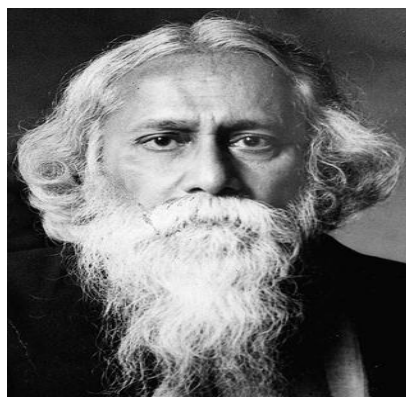
3. _____

was awarded the Nobel Prize for peace.



4. _____

was awarded the Nobel Prize for economics.



5. _____

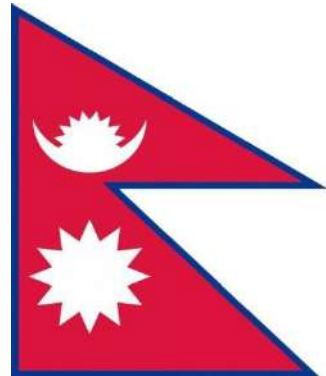
was the first Indian to receive Nobel Prize for literature.

Q III. Write the names of the countries to which following flags belong.

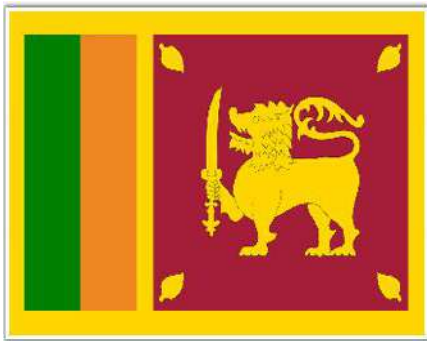
(1X5=5)



1. _____



2. _____



3. _____



4. _____



5. _____

प्र० 1... निम्नलिखित गद्यांश को पढ़कर दिए गए प्रश्नों के लिए सही उत्तर लिखिए...

अपने लक्ष्य को पाने के लिए सबसे बड़ी जरूरत है इच्छा शक्ति की। मन को किसी एक काम में बाँधकर रखना इच्छा-शक्ति है। इच्छा-शक्ति से ही बड़े - से-बड़ा काम किया जा सकता है। पांडवों और कौरवों में सभी बहुत अच्छे तीरंदाज थे लेकिन उनमें अर्जुन श्रेष्ठ थे क्योंकि जब वे तीर चलाते थे तो उन्हें लक्ष्य के अलावा कुछ भी नहीं दिखाई देता था। इच्छा-शक्ति बढ़ाने के लिए समयसारिणी के अनुसार कार्य करना चाहिए। खेलने के समय खेलना, पढ़ने के समय पढ़ना और टी०वी० देखने के लिए निश्चित समय में टी० वी० के कार्यक्रम देखना। इस प्रकार निर्धारित समय निश्चित काम करने से इच्छाशक्ति बढ़ेगी और आत्मविश्वास बढ़ेगा। विद्यालय में भी समय के अनुसार काम किया जाता है ताकि हम अपने को नियमित कर सकें और अपने लक्ष्य को पा सकें। जैसे हमें खेलने के समय खेलना चाहिए वैसे ही पढ़ने के समय पढ़ना चाहिए।

क) इच्छा शक्ति क्या है इसकी जरूरत क्यों पड़ती है?

4

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ख) अर्जुन कुशल तीरंदाज कैसे बने?

4

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ग) समय का सदुपयोग करने से क्या क्या लाभ हैं?

4

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.....

.....

घ) इच्छा-शक्ति बढ़ाने के लिए हमें कैसे कार्य करना चाहिए ?

4

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ड) गद्यांश से छोटकर निम्नलिखित शब्दों के पर्यायवाची लिखिए... 2

कार्य... .. ।

निर्धारित... .. ।

बल... .. ।

कामना... .. ।

च) इस गद्यांश का उपयुक्त शीर्षक लिखिए... 2

.....

.....

प्र० 2...अपने छोटे भाई को व्यायाम का महत्त्व बताते हुए पत्र लिखिए... 20

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(ड) श्रीमति

प्र0 5... निम्नलिखित शब्दों से भाववाचक संज्ञा बनाइए... **5**

(क) सजाना

(ख) पढ़ना

(ग) चतुर

(घ) एक

(ङ) क्रोधी

प्र06... निम्नलिखित शब्दों के पर्याय लिखिए... **5**

(क) पृथ्वी

(ख) पानी

(ग) बादल

(घ) कमल

(ङ) नेत्र

प्र07... निम्नलिखित मुहावरों को अपने वाक्यों में प्रयोग खरिए... **5**

(क) नाक में दम करना

.....

.....

.....

(ख) हवा से बातें करना...

.....

.....

.....

(ग) आँखों का तारा...

.....
.....
.....

(घ) दाँत खट्टे करना...

.....
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.....

(ङ) जी चुराना

.....
.....

प्र08... निम्नलिखित शब्दों के विलोम शब्द लिखिए...

5

- (क) आय
- (ख) उचित
- (ग) अँधेरा
- (घ) कपूत
- (ङ) धर्म

प्र08... निम्नलिखित वाक्यों को शुद्ध करके पुनः लिखिए...

5

(क) हमने हस्ताक्षर कर दिया।

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.....

(ख) दूध में कौन पड़ गया है ?

(ग) हम हमारे घर जाएँगे।

(घ) तुम गिर गए। हाय!

(ङ) सड़क में मत चलो।

प्र० 5... निम्नलिखित वाक्यांशों के लिए एक शब्द लिखिए...

5

(क) जो देखने योग्य हो

(ख) जो झगड़ा करता हो

(ग) जिसके पास धन न हो

(घ) एक वर्ष में होने वाला

(ङ) जो गीत गाता हो

प्र06... निम्नलिखित शब्दों के लिंग बदलकर लिखिए...

5

(क) गायिका

(ख) नौकरानी

(ग) पुजारी

(घ) शिक्षक

(ङ) पिता