



VIDYA DEVI JINDAL SCHOOL, HISAR
Aptitude Assessment For Admission (2024 - 25)
Class: VIII
Sample Paper

SUBJECT: ENGLISH

Time: 30 Minutes

Maximum Marks: 20

General Instructions:

1. All questions are compulsory.
 2. You may attempt any section at a time.
 3. Attempt questions based on specific instructions for each part.
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SECTION 'A' READING

7 MARKS

1. Read the text carefully.

COCONUT

1. A beach would not be a beach if it were not fringed with coconut palms. They are found all along the hot and damp coasts of Asia.
2. The coconut is a tall, slim tree and its top is always in motion, even when the air seems to be still. The coconut tree is marked by ring-like scars of fallen leaves. With the help of these scars it is easier to climb up the tree.
3. Few trees have as many uses as the coconut. The white flesh or kernel inside the nut is almost a complete food for the humans as well as animals. It is like the mildly sweetened white jelly when taken out of the green nut. Green nuts also offer the thirst-quenching, nutritious and refreshing drink – coconut milk or water. When the nuts get riper, the jelly and the water solidify into white flesh or meat (Kernel). When this flesh is dried in the sun it becomes copra and is exported to countries all over the world to be used in various kinds of confectionery. The oil extracted from dry copra is an important part of the economy of our coastal areas. Coconut oil is not only excellent for the hair; it is also used in making soaps, shampoos, shaving creams and margarine. It is also used as a cooking medium.

Based on your understanding of the passage, answer the questions given below. 7x1=7

- (i) 'A beach would not be a beach.....palms.' What does this opening line of the passage suggest?
- (ii) One thing unique about coconut tree is that _____.
 - a. It is very tall and slim
 - b. It has ring-like scars on its surface
 - c. It can be easily climbed
 - d. Its top is always in motion
- (iii) How do people use green unripe coconut?

(iv) The economy of coastal areas depends heavily on _____.
a. The making of soaps, shampoos etc. b. The sale of dry copra
c. The sale of coconut oil d. The different uses of the coconut

(v) The word '**mildly**' (Paragraph 3) means _____.
a. strongly b. slightly c. carefully d. thickly

(vi) Coconut oil is used for making _____.

- a. Soap, shampoo, shaving cream and margarine.
- b. Soap, shaving cream and margarine.
- c. Hair oil, soap, shampoo, shaving cream and margarine.
- d. Soap, shampoo and margarine.

(vii) It is easier to climb up the coconut tree _____.

- a. With the help of the fallen leaves b. With the help of the coconut palms
- c. With the help of the ring-like scars d. With its tall, slim bark

SECTION 'B'
CREATIVE WRITING SKILLS **5 MARKS**

2. Imagine you have completed reading an excellent story book suggested by your elder brother/sister who is at a boarding school. Write a letter sharing your experience and thanking him/her for the wonderful suggestion.

Write about:

- *Why did you like the story book?
- *All the things you liked about it.

SECTION 'C' GRAMMAR **8 MARKS**

3. Rearrange the following words and phrases into meaningful sentences. 3X1= 3

- a. place/ our lives/ music/ important/ has/ in/ an
- b. small/ stars/ like/ lamps/twinkle
- c. entertainment / all / become / a great / for / internet / has / source of

4. Do as directed.

(i) Read the given sentence and identify the errors and supply the corrections in the sentence. 2

Mohan was a boy from Cochin. He loved to play pranks and didn't take nothing seriously. His mother didn't know what to do on him.

Use the given format for your response.

Error	Correction

- (ii) The underlined words in the passage have not been used appropriately. Replace them with the most appropriate options given below. Write your answers against the correct blank numbers. 2

A (i) successive gardener is the one (ii) which can foresee and plan gardening operations in advance.

- (i) (a) Successfully (b) succeeded (c) succession (d) successful
(ii) (a) Whose (b) whom (c) who (d) that

- (iii) Choose the correct option to fill in the blanks. 1
Summer camps develop a _____ confidence and his/her ideas.

- (a) childs' (b) child (c) child's (d) childs

SUBJECT: MATHEMATICS

Time: 30 Minutes

Maximum Marks: 20

SECTION I (10 x 2 = 20) (All questions are compulsory)

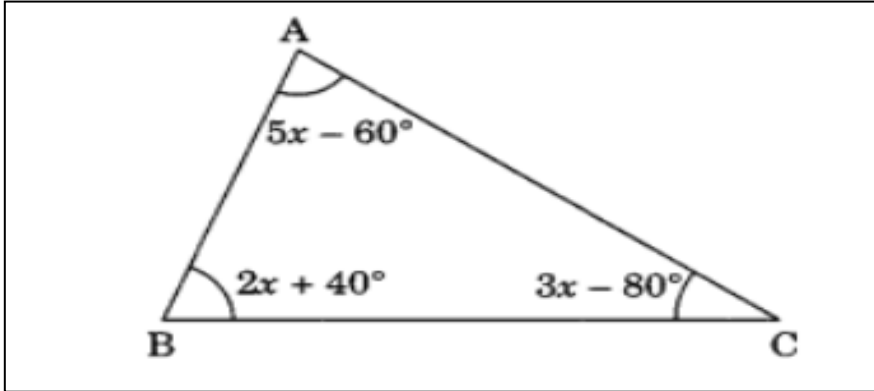
1. In a quiz competition, the points scored by two teams in five rounds are given below. Find out which team performed better. [2]

Round	1	2	3	4	5
Team A	-5	8	15	-9	3
Team B	-3	10	20	-8	-4

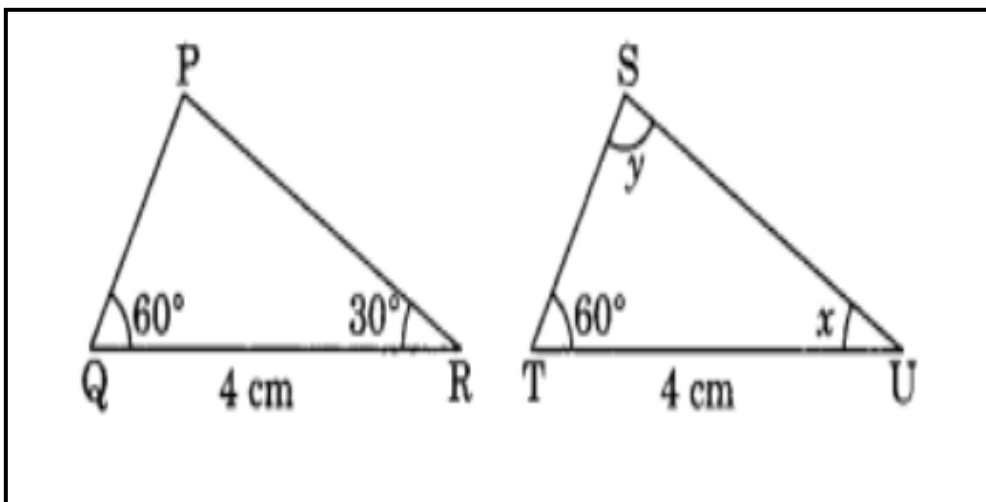
2. There are 48 balls in a bag. $\frac{1}{3}$ of them are red in colour, $\frac{1}{4}$ of them are blue in colour, $\frac{1}{6}$ of them are green in colour and the remaining are white in colour. Find the number of balls of each colour. [2]

3. Simplify: $\frac{1}{3} + \frac{1}{6} - \frac{1}{2}$ [2]

4. In the given figure, find x. [2]



5. If $x = 3$, find the value of the expression: $2x^2 - 3x - 4$. [2]
6. Express the given ratio 3 km: 750 m in the simplest form. [2]
7. There are 80 books in a rack and 64 of them are novels. Find the percentage of the novels in the rack. [2]
8. If the S.P of 10 pens is equal to the C.P of 12 pens, find the profit percentage. [2]
9. Interest for Rs. 4,000 for 2 years is Rs. 1,120. Find the rate of interest. [2]
10. In the given congruent triangles under ASA, find the value of x and y , if $\triangle PQR \cong \triangle STU$. [2]



SUBJECT: SCIENCE

Time: 30 Minutes

Maximum Marks: 20

General Instructions:

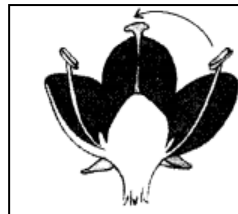
- (1) There are 14 questions in all.
 - (2) All questions are compulsory.
 - (3) There is no overall choice.
 - (4) Use of calculators is not allowed.
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1. Which of the following is an acid-base indicator? [1]
 - a. Vinegar
 - b. Lime water
 - c. Turmeric
 - d. Baking soda
2. Which of the following serve as green lungs? [1]
 - a. Green pigment of the plants
 - b. Forests
 - c. Kitchen gardens
 - d. Greenhouse gases
3. Which of the following are true when milk changes into curd? [1]
 - (i) Its state is changed from liquid to semi solid.
 - (ii) It changes colour.
 - (iii) It changes taste.
 - (iv) The change cannot be reversed.Choose the correct option from below:
 - a. (i) and (ii) are correct.
 - b. (ii) and (iii) are correct.
 - c. (i), (iii) and (iv) are correct.
 - d. (i) to (iv) are correct.
4. A combination of two or more cells is called a _____. [1]
5. You are provided with a convex mirror, a concave mirror, a convex lens and a concave lens. You can get an inverted image from: [1]
 - a. both concave lens and convex lens.
 - b. both concave mirror and convex mirror.
 - c. both concave mirror and convex lens.
 - d. both convex mirror and concave lens.

6. Which of the following pair of teeth differ in structure but are similar in function? [1]

- a. Canines and incisors
- b. Molars and premolars
- c. Incisors and molars
- d. Premolars and canines

7. Which type of pollination does the figure indicate? [1]



8. Why is it advised not to hold the thermometer by its bulb while reading it? [1]

9. Two organisms are good friends and live together. One provides shelter, water and nutrients while the other prepares and provides food. Such an association of organisms is termed as [1]

- a. saprophyte
- b. parasite
- c. autotroph
- d. symbiosis

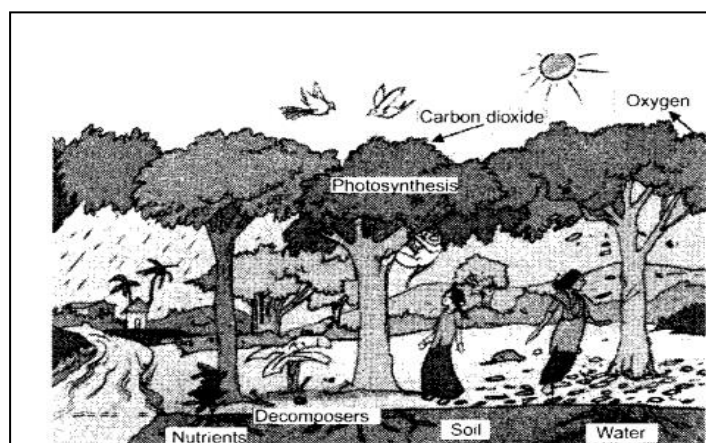
10. Aquatic animals like fish excrete their wastes in gaseous form as [1]

- a. oxygen
- b. hydrogen
- c. ammonia
- d. nitrogen.

11. Name a neutral salt. Give its one application. [2]

12. Name any two effects of electric current. [2]

13. The figure shows a part of a forest. Write any three activities going on in the forest on the basis of this figure. [3]



A girl uprooted a rose plant from the soil. Most of the root tips, with root hair got left behind

in the soil. She planted it in a pot with new soil and watered it regularly. Will the plant grow or die? Give reason for your