

VIDYA DEVI JINDAL SCHOOL, HISAR
Aptitude Assessment for Admission
Session 2026-27
Class: VII – SAMPLE PAPER

Subject: English

Time: 30 Minutes

Max. Marks: 20

General Instructions:

- i) First five minutes should be spent in reading the question paper carefully.
 - ii) This question paper has three sections, Section A, B and C comprising 4 questions.
 - iii) Write answers in neat and legible handwriting. Copy questions only where necessary.
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SECTION –A (READING)

Q1. Read the following passage carefully and answer the questions that follow: {7x1=7}

- 1) Solar energy is rapidly becoming one of the most important sources of renewable power in the modern world. Unlike fossil fuels, solar energy is completely clean and abundant, making it an ideal solution for our growing energy needs. Solar panels, also known as photovoltaic cells, convert sunlight directly into electricity through a fascinating scientific process. These panels are becoming increasingly affordable and efficient, allowing more families and businesses to adopt this environmentally friendly technology.
- 2) Countries like Germany, China, and India have invested heavily in solar power projects, creating thousands of jobs and reducing their dependence on imported oil. The benefits of solar energy extend beyond environmental protection – it also provides energy independence and long-term cost savings for users. Modern solar systems can power entire homes, charge electric vehicles, and even feed excess electricity back into the power grid. As technology continues to advance, scientists are developing more efficient solar cells that can generate power even in cloudy conditions. The future of energy looks bright with solar power leading the way toward a sustainable and pollution-free world for future generations.
- i) **What are solar panels also known as?**
- | | |
|-----------------|-----------------------|
| a) Solar cells | b) Photovoltaic cells |
| c) Energy cells | d) Power cells |
- ii) **Which countries have invested heavily in solar power projects?**
- | | |
|--------------------------|------------------------------|
| a) USA, UK, France | b) Germany, China, India |
| c) Japan, Brazil, Canada | d) Russia, Australia, Mexico |
- iii) **Solar energy is considered ideal because it is:**
- | | |
|---------------------------|---------------------------|
| a) Expensive and limited | b) Clean and abundant |
| c) Complex and unreliable | d) Traditional and proven |
- iv) **Modern solar systems can do all of the following EXCEPT:**
- | | |
|------------------------|----------------------------------|
| a) Power entire homes | b) Charge electric vehicles |
| c) Create fossil fuels | d) Feed electricity back to grid |
- v) **How do solar panels convert sunlight into electricity?**

vi) **What benefits does solar energy provide beyond environmental protection**

vii) **Find a synonym for: Plentiful'** in paragraph 1- _____

SECTION – B (WRITING)

Q2. Write a paragraph in about 80-100 words on any ONE of the following topics: **{5}**

- i) The Importance of Trees in Our Environment
- ii) My Favourite Festival and How We Celebrate It
- iii) The Role of Technology in Modern Education

SECTION – C (GRAMMAR)

Q3. Mixed bag questions based on grammar skills:

{10x $\frac{1}{2}$ =5}

i) **Fill in the blank with the correct pronoun:**

My sister and _____ are going to the fair today.

(a) me (b) I (c) myself

ii) **Rewrite in negative form:**

She plays the piano well.

iii) **Rewrite the sentence using the correct degree of the adjective given in brackets:**

This is the _____ (good) movie I have ever seen.

iv) **Fill in the blank with the correct form of the verb:**

The Earth _____ (revolve) around the Sun.

v) **Fill in the blank with a suitable preposition:**

The books are _____ the shelf.

vi) **Identify the type of Noun for the underlined word:**

The jury has given its verdict.

vii) **Fill in the blank with the correct conjunction:**

You must study hard _____ you will not pass the exam.

(a) because

(b) or

(c) but

viii) **Convert the following sentence into the Past Continuous Tense:**

She sings a beautiful song.

ix) **Fill in the blank with a suitable adverb:**

The old man walked _____ across the road.

x) **Fill in the blank with a suitable article (a, an, the):**

_____ Nile is the longest river in the world.

Q4. Rearrange the jumbled words and phrases to form meaningful sentences:

{3x1=3}

i) books / reading / is / hobby / favourite / my

ii) the garden / beautiful flowers / bloom / in / every spring

iii) students / hard work / success / brings / to / dedicated

Class: VI

Subject: Mathematics

Time : 40 Minutes

Max. Marks: 20

Instructions: Attempt all the questions

1. Choose the correct option:

2. The missing term in the sequence: 5, 10, 20, 40, ____

(1)

a. 60

b. 70

c. 80

d. 100

3. Which of the following numbers is a factor of both 18 and 24?

(1)

a. 2

b. 3

c. 6

d. All of these

4. Which of the following numbers is a prime? (1)
- a. 27
 - b. 29
 - c. 35
 - d. 39
5. The smaller angle between the hands of a clock at 9 o'clock is: (1)
- a. 30°
 - b. 60°
 - c. 90°
 - d. 120°
5. Write the first 4 multiples of 9 (2)
6. The favorite games of 12 students are recorded as:
Cricket, Football, Cricket, Hockey, Cricket, Football, Hockey, Cricket, Football, Cricket, Cricket, Football.
Represent the data in a table using tally marks. (2)
7. Draw and label an angle of 45° . (2)
8. What are *Twin Primes*? Is **11 and 13** a pair of twin primes? (3)
9. A square has side 9 cm. Find:
- a. Perimeter (2)
 - b. Area (2)
10. The ages (in years) of 8 students are: 11, 12, 13, 12, 11, 14, 13, 12.
- a. Prepare a frequency table. (2)
 - b. Which age is the most common? (1)

SUBJECT :SCIENCE

Max. Marks: 20

General Instructions:

- i. This question paper consists of 14 questions.*
 - ii. All questions are compulsory.*
 - iii. Marks are indicated against each question.*
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1. Given below are the names of some animals. [1]

i. Goat ii. Human beings iii. Cockroach iv. Eagle

which of the above animals forms a pair of omnivores?

- a. (i) and (ii)
- b. (ii) and (iii)
- c. (iii) and (iv)
- d. (ii) and (iv)

2. Unscramble the following words related to components of food and write them in the space provided.

[1]

a. nitesturn_____

b. tfa_____

3. Which of the following materials is not lustrous?

[1]

- a. Gold
- b. Silver
- c. Wood
- d. Diamond

4. While preparing chapatis, Paheli found that the flour to be used was mixed with wheat grains. Which of the following is the most suitable method to separate the grains from the flour? [1]

- a. Threshing
- b. Sieving
- c. Winnowing
- d. Filtration

5. Which of the following is not the primary function of the stem? [1]

- a. Conduction of water
- b. Photosynthesis
- c. Formation of branches
- d. Bears flowers and fruits

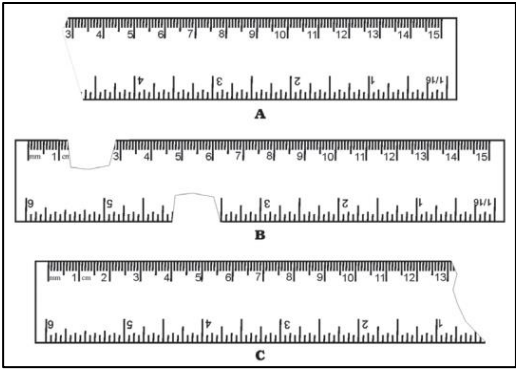
6. You are provided three scales A, B and C as shown

[1]

in the figure to measure a length of 10 cm.

For the correct measurement of the length you will use the scale

- A only
- B only
- C only
- Any of the three Scales.



7. Which of the following cannot be called a habitat?

[1]

a. A desert with camels

b.

A pond with fishes

d.

c. A jungle with wild animals

Cultivated land with grazing cattle

8. Which of the following joints is immovable?

[1]

a. Shoulder and arm

b. Knee and joint

c. Upper jaw and skull

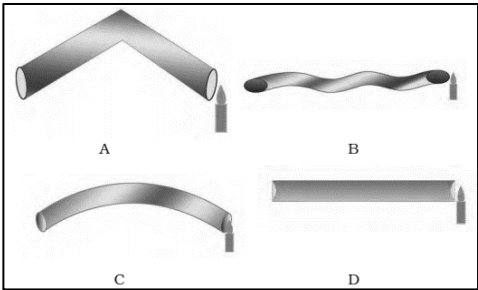
d. The lower jaw and upper jaw

9. Four students, A, B, C, and D, looked through pipes of different shapes to see a candle flame as shown in the figure.

[1]

flame as shown in the figure.

Who will be able to see the candle flame clearly?

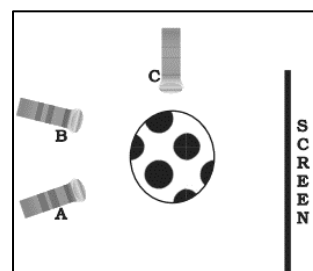


10. A torch is not functioning, though contact points in the torch are in working condition. What

are the possible reasons for this? Mention any two.

[1]

11. Three torches A, B, and C, shown in the figure are switched on one by one. The light from which the torches will not form a shadow of the ball on the screen.



[2]

12. Tasty food is not always nutritious, and nutritious food may not always be tasty to eat. Comment with examples.

[2]

13. Provide one-word answers to the statements given below.

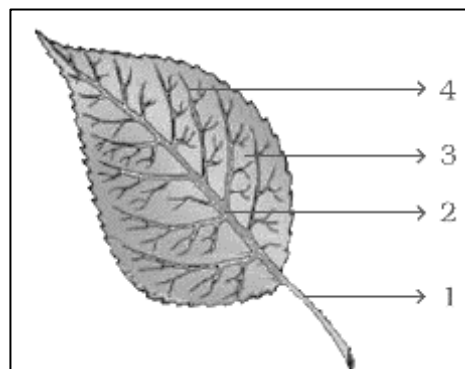
[3]

- a. A joint which allows movement in all directions.
- b. A hard structure that forms the skeleton.
- c. Part of the body with a fixed joint.

- 14 Observe the figure and attempt the questions that follow it.

[3]

- a. Label the parts 1, 2, 3, and 4 in the diagram.
- b. What type of venation does the leaf have?



विद्या देवी जिंदल स्कूल, हिसार
प्रवेश परीक्षा (2026-27)
कक्षा-सातवीं विषय-हिंदी
प्रादर्श प्रश्न-पत्र

प्रश्न 1: नीचे दिए गए अपठित गद्यांश को ध्यानपूर्वक पढ़िए और पूछे गए प्रश्नों के उत्तर दीजिए: 4
भारत एक विविधताओं से भरा देश है। यहाँ अनेक भाषाएँ, धर्म, जातियाँ और परंपराएँ पाई जाती हैं। फिर भी, जब देश पर संकट आता है तो सब मिलकर एकजुट हो जाते हैं। अनेकता में एकता भारत की पहचान है। आज के युवा तकनीक के माध्यम से देश को आगे बढ़ाने में महत्वपूर्ण भूमिका निभा रहे हैं। यदि हम सभी अपने कर्तव्यों को समझें, तो राष्ट्र और अधिक प्रगति कर सकता है।

- (i) भारत की सबसे बड़ी विशेषता क्या बताई गई है?
- (ii) आज के युवा किस क्षेत्र में देश की मदद कर रहे हैं?
- (iii) 'एकजुट' शब्द का अर्थ क्या है?
- (iv) उपर्युक्त गद्यांश का उचित शीर्षक दीजिए।

प्रश्न 2: निर्देशानुसार उत्तर दीजिए-

- (i) भाषा और बोली में क्या अंतर है? 2
- (ii) देवनागरी लिपि की चार विशेषताएँ लिखिए। 2

प्रश्न 3: निर्देशानुसार उत्तर दीजिए-

- (i) रूढ़ शब्द किसे कहते हैं? उदाहरण सहित समझाइए- 2
- (ii) निम्नलिखित तत्सम शब्दों को तद्भव शब्दों में बदलिए- 2
(a) घृत (b) निद्रा (c) मयूर (d) आम्र

प्रश्न 4: नीचे दिए गए वाक्यों में से विशेषण शब्द पहचानकर उनका भेद भी लिखिए- 4

- (i) सुन्दर फूल बगीचे में खिले हैं।
- (ii) चार छात्र गायब थे।
- (iii) उसकी मीठी वाणी सभी को भा गई।
- (iv) ईमानदार लोग हमेशा सम्मान पाते हैं।

प्रश्न 5: निम्नलिखित विषयों में से किसी एक पर लगभग 60-70 शब्दों में अनुच्छेद लिखिए। 4

- (i) मेरी प्रिय पुस्तक
- (ii) स्वच्छ भारत अभियान
- (iii) इंटरनेट का महत्व