

BIRLA BALIKA VIDYAPEETH, PILANI

SAMPLE PAPERS

CLASS - VII

Time: 30 Minutes

M.M.: 25

SUBJECT : MATHEMATICS

(TO BE FILLED IN BY THE CANDIDATE)

Name Registration No.
Father's Name Date of Birth
Studying in class Class in which Admission is sought
Name of Centre

(FOR OFFICE USE ONLY)

1. Invigilator(s) Signature :
2. Marks Obtained in % :
3. Signature of Examiner :

SECTION A

NOTE Q.NO. 1-10 CARRY 1 MARK EACH.

A) Choose the correct alternative from the given choices.

1. The temperature 10°C below freezing point can be expressed as
a) $+10^{\circ}\text{C}$ b) -10°C c) 0°C d) none of these []

2. In a class there are 20 boys and 15 girls, the ratio of boys to girls is
a) 4:3 b) 3:4 c) 4:5 d) none []

- 3) A closed figure formed by joining three non-collinear points is called
a) a triangle b) an angle c) a curve d) a circle []

- 4) A circle has
a) One line of symmetry b) no line of symmetry []
c) infinite number of lines of symmetry d) all of these.

- 5) The smallest prime number is
a) 1 b) 2 c) 3 d) 4 []

B) Fill in the blanks

- 6) Write the successor of the largest three-digit number _____
- 7) Zero is greater than every _____ integer.
- 8) If $x+3=7$ then x is equal to _____
- 9) The number of faces of a Cuboid is _____
- 10) 1 kilometre is equal to _____ metres.

SECTION B

NOTE: Q. NO. 11-15 CARRY 3 MARKS EACH.

11) Find the H.C.F of 144 and 198.

12) What is the product of place values of 2 and 5 in 1326758?

13) Rakhee had Rs.500. She bought a purse for Rs.75.50. She also bought some Medicines and paid there a bill of Rs.121.35. What amount of money was left with her?

14) Add the expressions $x + y - z$, $3x + 2y + 3z$, $x - 2y + z$.

15) A rectangular park is 25m long and 15m wide. Find its area.

Q1. Read the following passage carefully and answer the following questions choosing the correct options from the ones given below:

(5X1=5)

The eruptions of volcanoes are most unpredictable. Sometimes a sleeping volcano starts emitting gases after a very long gap. For example, El Chichons of Mexico erupted on three successive occasions after remaining inactive for 600 long years. Similarly, the volcano of Barren Island in Andamans in India became active after 107 years in March 1991 and remained active till 1994. So, it is quite difficult to predict such eruptions.

The eruption of volcanoes is caused due to the sudden release of forces, which have been accumulating gradually within a geological system as a result of slow drifting of plates on which the continent rests. The largest concentration of active volcanoes is in the northern hemisphere along the zones where continental plates either join (such as Japan, Andes, Alaska) or drift apart (e.g., Iceland, Red Sea). Approximately two third of earth's volcanoes are located in the Northern Hemisphere. On an average 30 to 60 Volcanic eruptions are taking place every year, out of which about half of them were earlier inactive.

1. One peculiar feature of volcano is
- (a) it rises very high when it erupts
 - (b) it makes deafening sound at the time of eruption
 - (c) it can erupt even after a very long gap
 - (d) its eruption is always disastrous
-

2. The volcano of Barren Island lies in
- (a) Andamans in India
 - (b) Lakshadweep in India
 - (c) Java
 - (d) Japan
-

3. Volcanoes erupt because of
- (a) man's activity
 - (b) sea waves
 - (c) earth's rotation
 - (d) sudden release of force
-

4. Active volcanoes are found mostly in
- (a) the Northern Hemisphere
 - (b) the Southern Hemisphere
 - (c) the Polar regions

(d) the deserts

5. The word **concentration** here means

- (a) a lot of something in one place
 - (b) the ability to be innovative
 - (c) the ability to form an idea
 - (d) meditation
-

QII. Write a short paragraph in about 100 words on the following topic –

(6)

“Newspapers”

Cheap-----easy to buy-----good source of knowledge-----read by people of all ages-----colourful advertisements-----old newspapers can be reused.

Q-1 Suggest opposite word for "inferior"

- A) Maximum B) Menial C) superior D) Spoiled

Q-2 which of the following is the correct way to spell "manupolating"?

- a) Manipulating b) monopolating c) manupolating d) manupulating

In each of the following questions Q-3 to Q-5 there is a relationship between the two terms, on the left side of ::, find the missing one on the right side.

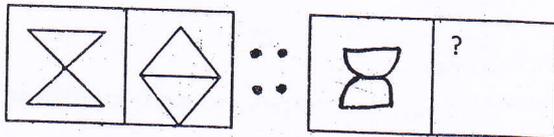
Q-3 Time: Waste :: Money : ?

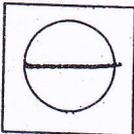
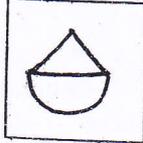
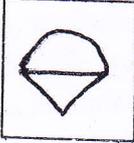
- a) Spend b) lose c) earn d) squander

Q-4 Coconut: shell :: ? : ?

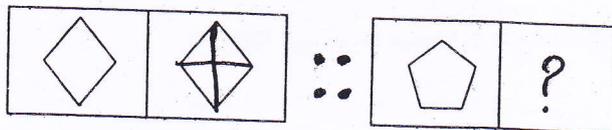
- a) Stamp : postage b) skin: dry c) bird : eggs d) brain : skull

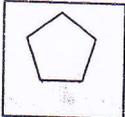
Q-5



- a)  b)  c)  d) 

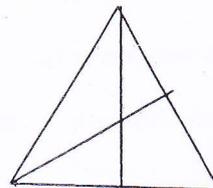
Q-6



- a)  b)  c)  d) 

Q-7 How many triangles are there in the given figure:

- a) 12 b) 10 c) 8 d) 11



Q-8 A watch reads 6.00. If the minute hand points east, in what direction will the hour hand point?

- a) North b) west c) south d) north-east

Arrange the words given in Q-9 -10, in the sequence in which they occur in the dictionary:

Q-9 1. Ear 2. Earth 3. Easy 4. Eager 5. Each

- a) 1,5,2,4,3 b) 2,1,4,3,5 c) 2,3,5,4,1 d) 5,4,1,2,3

Q-10 1. Shipping 2. Source 3. Spring 4. Sink

- a) 4,2,1,3 b) 1,4,2,3 c) 3,4,2,1 d) 4,3,2,1

Q-11 Select the odd one:

- a) CPU b) Monitor c) Computer d) Mouse

Q-12 Select the odd one out:

- a) Sun b) sea c) Star d) Planets

Q-13 Wet clothes dry more quickly on a dry day than on a rainy day because-

- a) Breeze blows rapidly during the dry day.
b) The sun does not rise on a rainy day.
c) Wet clothes absorb the moisture on a rainy day.
d) The air is moister on a rainy day than on a dry day.

Q-14 Farmers use manure in the farms because

- a) It kills the germs of the soil
b) It helps in maintaining the fertility of the soil
c) The government advises to do so.
d) It is their traditional practice.

Q-15 In summer people want to wear light coloured clothes because

- a) In this dress they look smart.
b) They reflect the heat.
c) The material of such clothes is cheap.
d) They absorb the excessive heat.

Q-16 For the first time, where did Mahatma Gandhi start his Satyagrah movement?

- a) China b) USA c) India d) South Africa

Q-17 Poverty is caused due to-

- a) Industrial growth b) reform in education c) unemployment d) none of these

Q -18 Production of any crop is increased by-

- a) Fertile land b) water supply c) suitable climate d) all of these

Q -19 Define photosynthesis.

- a) Process to make food by green plants in the presence of sunlight.
b) Process to cut the plants.
c) Process to store energy from plants.
d) None of these

Q -20 Which among the following country is not the member of United Nations?

- a) USA b) India c) China d) France

Q -21 If $\frac{1}{3}$ of the liquid contents of a container evaporates on the first day then fractional amount of water left in a container is-

- a) $\frac{2}{3}$ b) $\frac{7}{6}$ c) $\frac{1}{6}$ d) $\frac{7}{12}$

Q -22 The simple interest on Rs. 1000 for 1 year at the rate of 5% per annum is-

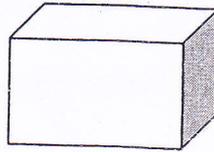
- a) Rs. 50 b) Rs. 1050 c) Rs. 500 d) Rs. 5

Q -23 How many times the hands of a clock connect together in a day?

- a) 22 b) 23 c) 24 d) 12

Q -24 The name of the given shape is

- a) Cube
b) Square
c) Rectangle
d) Cuboid



Q -25 The necessary condition for shadow formation is

- a) Heat b) Light c) sound d) none of these

प्रश्न पत्र .

विषय - हिन्दी

कक्षा - VII

प्र-1- निम्नलिखित गद्यांश को पढ़कर सही विकल्प चुनकर प्रश्नों के सामने दिये गए कोष्ठक में लिखिए -

(1X5 = 5)

अनुशासन मानव जीवन का आवश्यक अंग है। मनुष्य को जीवन के प्रत्येक क्षेत्र में, चाहे वह खेल का मैदान हो अथवा विद्यालय, घर हो या घर से बाहर कोई सभा सोसायटी सभी जगह अनुशासन के नियमों का पालन करना पड़ता है। पूर्ण निष्ठा के साथ उन पर आचरण करना पड़ता है और जीवन के विभिन्न क्रियाकलापों को उनके अनुकूल ढालना पड़ता है। इसी में उसकी सफलता निहित होती है। जिस जाति, संस्था, समाज या राष्ट्र के सदस्य अनुशासित जीवन के नियमों का पालन नहीं करते, वह जाति या समाज शीघ्र ही पतनोन्मुख हो जाता है।

(1) जीवन की सफलता किस पर निर्भर है ?

(क) खेलों पर (ख) पढ़ाई पर (ग) धन पर (घ) अनुशासन पर []

(2) किसी समाज का पतन कब होता है ?

(क) निष्ठा के अभाव में (ख) पैसे के अभाव में
(ग) अनुशासित न रहने पर (घ) नियम तोड़ने पर []

(3) 'पतनोन्मुख' शब्द का आशय है -

(क) नीचे मुख (ख) गिरावट (ग) खत्म होना (घ) सफलता []

(4) 'अनुकूल' शब्द का विलोम है -

(क) प्रतिकूल (ख) अनुराग (ग) अनुरूप (घ) प्रतिरोध []

(5) गद्यांश का उपयुक्त शीर्षक होगा -

(क) अनुशासन का महत्त्व (ख) मनुष्य (ग) मानव जीवन (घ) सफलता []

प्र-2- निम्नलिखित प्रश्नों के सही उत्तर का सही विकल्प चुनकर बाँक्स में लिखिए -

(1X15 = 15)

(1) 'कमल' का पर्यायवाची शब्द है -

(क) पथ (ख) गुलाब (ग) पंकज (घ) फूल []

(2) 'अग्रज' का विलोम शब्द है -

(क) नया (ख) अनुज (ग) पूर्व (घ) बड़ा []

(3) 'हर्ष' का विलोम शब्द है -

(क) कष्ट (ख) शोक (ग) प्रसन्न (घ) पीड़ा []

(4) पुस्तक मेज पर रखी है- वाक्य के रेखांकित भाग में कारक है -

(क) संप्रदान (ख) करण (ग) अधिकरण (घ) संबंध []

(5) निम्नलिखित में से कौनसा शब्द-युग्म पुल्लिंग-स्त्रीलिंग रूप में सही नहीं है -

(क) तपस्वी-तपस्विनि (ख) श्रीमान-श्रीमती (ग) पुरुष-स्त्री (घ) भाई-बहन []

(6) अशुद्ध वर्तनी वाला शब्द कौनसा है -

(क) परीक्षा (ख) अतिथी (ग) अत्यधिक (घ) चिह्न []

(7) 'नि+डर' से बना है -

(क) नीडर (ख) निर्डर (ग) निडार (घ) निडर []

