

VIDYA NIKETAN
Birla Public School, Pilani
SCHOLASTIC APTITUDE TEST
Subject : Mathematics
Class : VII

TIME: 30 Minutes

Max.M:25

Q1 Add: $\frac{8}{9} + \frac{2}{9}$

- a) $\frac{10}{18}$
- b) $\frac{10}{9}$
- c) $\frac{8}{9}$
- d) None of these

Q2 Find the value of $\frac{2}{7}$ of 14

- a) 4
- b) 6
- c) $\frac{16}{7}$
- d) None of these

Q3 The reciprocal of $\frac{11}{5}$

- a) $\frac{11}{5}$
- b) $\frac{5}{11}$
- c) $\frac{1}{5}$
- d) None of these

Q4 The weight of three students are 28.316 Kg, 18 Kg and 36.5 kg. The total weight is

- a) 83.816 Kg
- b) 82.816 Kg
- c) 83.716 Kg
- d) None of these

Q5 The perimeter of a triangle whose sides are 14cm, 24 cm and 30 cm is

- a) 64 cm
- b) 63 cm
- c) 68 cm
- d) 60 cm

Q6 The perimeter of the square whose side 9 cm is

- a) 6 cm
- b) 12 cm
- c) 36 cm
- d) None of these

Q7 The area of Square Whose side 13 m is

- a) 169 m²
- b) 144 m²
- c) 108 m²
- d) None of these

Q8 The area of Square whose perimeter 120 m is

- a) 990 cm²
- b) 900 cm²
- c) 630 cm²
- d) None of these

Q9 The volume of cube whose side 9 cm is

- a) 719 cm³
- b) 729cm³
- c) 829 cm³
- d) None of these

Q10 A pit is dug in the ground of length 8m broad 6m and height 1 m. The volume of earth dug out is

- a) 48 m³
- b) 6m³

- c) 8 m^3
- d) None of these

Q11 10 days = hours

- a) 80
- b) 480
- c) 240
- d) 300

Q12 The cost of 10 apples is Rs 32. The cost of 1 apple is

- a) Rs 2
- b) Rs 3.20
- c) Rs 8
- d) Rs 16

Q13 C.P = Rs 1650, S.P = Rs 2740. The profit will be

- a) Rs 1740
- b) Rs 1090
- c) Rs 400
- d) Rs 1000

Q14 1 kg = gm

- a) 1000 g
- b) 100 g
- c) 10 g
- d) 1 g

Q15 What is 10 % of 300

- a) 80
- b) 60
- c) 30
- d) 90

Q16 One Right angle is equal to

- a) 360°

- b) 180°
- c) 90°
- d) None of these

Q17 The first two multiples of 8 are

- a) 13 and 26
- b) 8 and 16
- c) 16 and 24
- d) 14 and 70

Q18 The difference of smallest 4-digit number and 1 is

- a) 10000
- b) 1
- c) 999
- d) 0

Q19 The roman numeral of 98 is

- a) LXXXVIII
- b) LXXXIIIV
- c) XXXLVII
- d) None of these

Q 20 The sum of 319202 and 409131 is

- a) 728330
- b) 728333
- c) 732833
- d) None of these

Q21 Find the value of 9888×0

- a) 821206
- b) 802120
- c) 0
- d) None of these

Q22 Find the number which comes just before 1000.

- a) 1001
- b) 999
- c) 998
- d) None of these

Q 23The product of 261 and 71 is

- a) 17531
- b) 18531
- c) 18431
- d) None of these

Q24 Simplify: $80 + 30 \div 10$

- a) 83
- b) 73
- c) 11
- d) None of these

Q25 The L.C.M of 12 and 15

- a) 30
- b) 24
- c) 60
- d) None of these

BIRLA PUBLIC SCHOOL, PILANI
REASONING & GENERAL AWARENESS
APTITUDE TEST-
Class-7

1- What will be the missing letters in the series EQ, FS, HW, KA, __, TL?

1. AL
2. OF
3. HP
4. None of the above

2- What will be the missing letters in the series BKK, DMM, FOO, __, JSS?

1. HTT
2. HQQ
3. HPP
4. None of the above

3- A factory always has -

1. Files
2. Workers
3. Air conditioners
4. Chimneys

4- Pointing to a woman, a man said, "Her father is the only son of my father." How is the man related to the woman?

1. Grandfather
2. Father
3. Son
4. None of the above

5- Raman says "Anuj's mother is the only daughter of my mother." How is Anuj related to Raman?

1. Brother
2. Nephew
3. Father
4. None of the above

6- Assertion (A): Diamond is used for cutting the glass.

Reason (R): The refractive index of diamond is high.

1. A is true, but R is false.
2. A is false, but R is true.
3. Both A and R is false.
4. Both A and R is true, but R is not the correct explanation of A.
5. Both A and R is true, and R is the correct explanation of A.

7- Assertion (A): The earthworms reduce the fertility of the soil.

Reason (R): They make the soil soft and porous.

1. A is true, but R is false.
2. A is false, but R is true.
3. Both A and R is true.
4. Both A and R is false.

8- Assertion (A): The earthworms reduce the fertility of the soil.

Reason (R): They make the soil soft and porous.

1. A is true, but R is false.
2. A is false, but R is true.
3. Both A and R is true.
4. Both A and R is false.

9- A thermometer is to temperature as a compass is to -

1. Needle
2. Pressure
3. Direction
4. None of the above

10- Which of the following pairs of words are differently related?

1. Kind : Cruel
2. Slow : Sluggish
3. Stale : Fresh
4. Truth : Lie

11- Which of the following is different from others?

1. Barber
2. Blacksmith
3. Tailor
4. Carpenter

12- Which of the following set of letters complete the letter series, when sequentially placed at the gaps?

_ ab _ b _ aba _ _ abab

1. abbab
2. abbaa
3. abaab
4. aaaba

13- What is the full form of 'GPS?'

14- Who is known as the 'Missile Man of India?'

- 15- Who has the authority to issue currency in India?
- 16- Which mammal doesn't have vocal cords?
- 17- The main source of energy made through photosynthesis for plants is?
- 18- Diaphragm is located in which part of the human body?
- 19- Muscles are attached to bone by –
- 20- What planet has the shortest day?
- 21- What does Big Bang Theory explain?
- 22- What is the name of France's capital city?
- 23- Which portion of our body is affected by the disease jaundice?
- 24- Scurvy is caused by a vitamin deficiency in which of the following?
- 25- In the human body, which organ is responsible for blood purification?

VIDYA NIKETAN
BIRLA PUBLIC SCHOOL, PILANI
APTITUDE TEST PAPER
CLASS – VII
SUBJECT – ENGLISH

Time: 30 Mins

MM: 25

Q1. Read the passage carefully and answer the following questions: -

(1×5=5)

Food can maintain and save life. It can destroy life as well. Proper food serves as medicine, improper food works as poison. A little care about the quality and quantity of food will keep us healthy and happy. If we go about eating all sorts of things, we shall become sick. We take pride in calling ourselves civilized. Being sensible means to know the difference between good and bad, right, and wrong. It will not do to become slaves to our tongue or taste. Even cattle, birds and beasts eat only what is best for their body.

We mostly eat processed food and refined sugar. We pay heavily for junk food, for Chips or deep-fried snacks. As a result, we catch diseases. We have drifted away from mother nature. We laugh at the rules of hygiene, healthy diet, and the advice of our elders. This has given rise to diabetes.

We offer chocolates, cakes, and ice creams too often to our children. We also attend parties or dine out every day. This way we invite obesity and diabetes.

Answer the following questions briefly:

1. (a) What are the functions of food?

- (b) What is meant by ‘improper food’?

- (c) What does ‘civilised life’ imply?

- (d) Explain: We have drifted away from nature.

- (e) How does modern lifestyle and food habits affect us?

1. Q2. Fill in the blanks with ‘a’, ‘an’ or ‘the’ in the given sentences:-

(5×½=2½)

- a) He has ----- beautiful face.
- b) My uncle is ----- M.P.
- c) Iron is ----- useful metal.
- d) -----Himalayas are -----highest mountain range

2. Q3. Write the correct Plural form of these Nouns: -

(5×½=2½)

- a) Kite-----
- b) Balloon-----
- c) Watch-----
- d) Fairy-----
- e) Knife-----

3. Q4. Complete the following with correct Gender form of the following: -

(4×½=2)

- | | |
|------------|--------|
| a) Brother | Sister |
| b) ----- | Aunt |
| c) Nephew | ----- |
| d) ----- | Queen |
| e) Hen | ----- |

4. Q5. Complete the following with Degrees of Comparison: -

(8×½=4)

EXAMPLE - Hot hotter hottest

- | | | |
|--------------|---------|----------|
| a) Wonderful | ----- | ----- |
| b) Happy | ----- | ----- |
| c) ----- | smaller | ----- |
| d) ----- | ----- | greatest |

Q6. Which sentence is correct?

(1×1=1)

- a) The burger the small boy was eating.
- b) The burger was eating the small boy.
- c) Eating the burger was the small boy.
- d) The small boy was eating the burger.

Q7. Which plural is correct?

(1×1=1)

- a) one girl – two girles
- b) one egg – two egges
- c) one leaf – two leaves
- e) one strawberry – two strawberrys

Q8. Which past tense verb is correct?

(1×1=1)

- a) run – ran
- b) think – thinked
- c) say – sayed
- d) teach – teached

Q9. Choose the correct option to complete the sentence correctly.

(1×1=1)

John was the man _____ asked, “Are you the one who took my money?”

- a) which
- b) who
- c)whom
- d) whose

Q10. Complete the story by using your imagination and creativity

[5]

Once I was travelling by Bus with my family and -----

विषय - हिन्दी

कक्षा -7

सेट - 1

अवधि- 30 मिनट

पूर्णांक- 25

प्रश्न-1 निम्नलिखित गद्यांश को पढ़कर, प्रश्नों के उत्तर दीजिए। [1x4=4]

मधुपुर गाँव के पास शंभू का एक बहुत बड़ा खीचा था। उसमें उसने आम, अमरूद और जामुन के पौधे लगाए। शंभू बहुत मेहनत से पौधों की देखभाल करता था। पास के गाँव के अच्छे प्रतिदिन खीचे प्रतिदिन खीचे में खेलने आते थे। शंभू खीचों को बहुत प्यार करता था। खीचे भी काम में उसका हाथ छंटाने लगे। शंभू खीचों को खूब फल खाने के लिए देता। खीचे प्यार से उसे शंभू काका कहकर बुलाने लगे।

1। शंभू का खीचा कहाँ था ?

[] शहर के पास [] खीचे के पास [] गाँव के पास

2। शंभू पौधों की देखभाल कैसे करता था?

[] मेहनत से [] लगन से [] प्यार से

3। मदद करने के लिए गद्यांश में किस मुहावरे का प्रयोग हुआ है ?

[] अँगूठा दिखाना [] हाथ छंटाना [] चकमा देना

4। खीचे प्यार से शंभू को क्या कहकर बुलाने लगे ?

[] दादा [] आजा [] काका

प्रश्न-2 विलोम शब्द लिखिए।

[1x3=3]

क। काला -----

ग। खुशालू -----

ख। दूर -----

प्रश्न-3 पर्यायवाची शब्द लिखिए। [दो-दो] [1x3=3]

क। पानी -----

ख। मित्र -----

ग। आग -----

प्रश्न-4 बहुवचन शब्द लिखिए। [1x3=3]

क। तारा ----- ग। पत्ती -----

ख। कक्षा -----

प्रश्न-5 लिंग ञ्ढलो। [1x3=3]

क। पति ----- ग। गुड्डा -----

ख। आलक -----

प्रश्न-6 आक्यांश के लिए एक शब्द लिखिए। [1x4=4]

क। लोहे का काम करने आला -----

ख। आथ में पढ़ने आला -----

ग। जो रोगी का इलाज करे -----

ग। अच्चों को पढ़ाने आला -----

प्रश्न-7 किसी कविता की आठ-दश पंक्तियाँ लिखिए।

[½x10=5]

अथवा

‘मेशी माँ ’या ‘पेड़ मेरे मित्र’ पर दश वाक्य लिखिए।

उत्तर-पत्रिका

उत्तर|1. 1। गाँव के पास 2। मेहनत से 3। हाथ छँटना 4। काका

उत्तर|2 क। भफेद ख। पास ग। छदछू

उत्तर|3 क। जल नीर

ख। दोस्त भखा

ग। अमीचा उपवन

उत्तर|4 क। तारे ख। कक्षाएँ ग। पत्तियाँ

उत्तर|5 क। पत्नी ख। आलिका ग। गुड़ियाँ

उत्तर|6 क। लुहार ख। सहपाठी ग। डॉक्टर घ। शिक्षक

उत्तर|7 व्यक्तिविशेष की कल्पनाशक्ति के अनुसार