# SAMPLE PAPER - 1

## ACADEMIC SESSION : 2020-21

### FOR CLASS VI MOVING STUDENT

| Time : 1½ Hr. | Negative Marking - 0.25 | Maximum Marks : 60 |
| --- | --- | --- |

## GENERAL INSTRUCTIONS

1.  **Each question carry 1 marks.**

2.  **Blank papers, clip boards, log tables, slide rule, calculators, mobile or any other electronic gadgets in any form is not allowed.**

3.  **Write your Name and Roll No. in the space provided in the bottom of this booklet.**

4.  **Before answering the paper, fill up the required details in the blank space provided in the answer sheet.**

5.  **Do not forget to mention your roll number neatly and clearly in the blank space provided in the answer sheet.**

6.  **No rough sheets will be provided by the invigilators. All the rough work is to be done in the blank space provided in the question paper.**

7.  **In case of any dispute, the answer filled in the OMR sheet available with the institute shall be final.**

8.  **Post exam Answer Key will be declared. Correction in Answer Key will be accepted till next 36 hours after which no correction will be entairtained.**

1. 
   (A) 0.4　　(B) 400　　(C) 40　　(D) 4

2. Sum of the place value of 7 and face value of 9 in 429726 is _____
   (A) 709　　(B) 9700　　(C) 16　　(D) 16000

3. $\dfrac{34}{100}$ = _____
   (A) 34　　(B) 3.4　　(C) 0.34　　(D) 340

4. The smallest factor of a number is the
   (A) 1
   (B) 0
   (C) the number itself
   (D) greater than the number

5. 30% of 18 =
   (A) 54　　(B) 0.54　　(C) 5.4　　(D) 540

6. Product of the place value of 8 and 3 in the number 82375 is _____
   (A) 24,000,000　　(B) 24,000
   (C) 24,00,000　　(D) 80300

7. Numbers which are not multiples of 2 are _ numbers
   (A) even　　(B) prime
   (C) odd　　(D) composite

8. The number is not divisible by 10
   (A) 4200　　(B) 415　　(C) 420　　(D) 4150

9. Karan arrived at the swimming pool at 9:00 AM and left at 2:00 PM. How many hours was Karan at the pool.
   (A) 4 hours　　(B) 5 hours
   (C) 6 hours　　(D) 14 hours

10. 
    (A) 0.1　　(B) 10　　(C) 0.01　　(D) 100

11. Which among the following is a simple machine ?
    (A) Pulley　　(B) Car
    (C) Computer　　(D) Washing machine

12. A pulley helps to
    (A) Push load　　(B) lift load
    (C) open things　　(D) cut things

13. The first artificial satellite launched by India in 1975 was :
    (A) Sputnik-I　　(B) Aryabhata
    (C) Charaka　　(D) Insat

14. Electricity is generated through water using _____ energy :
    (A) solar　　(B) hydro
    (C) wind　　(D) geothermal

15. A _____ is a slope over which a load can be easily pushed up or rolled down.
    (A) Screw　　(B) Wedge
    (C) Pulley　　(D) Inclined plane

16. The energy resources that have a constant supply and will not exhaust with use in future are called renewable resources. Which among the following is not such resource ?
    (A) Biogas　　(B) Fossil fuel
    (C) Wind power　　(D) Solar energy

17. The closest neighbor of the earth in space is :
    (A) Sun　　(B) Jupiter
    (C) Moon　　(D) Mars

*Space For Rough Work*

18. The chances of drought can be reduced by –
(A) Afforestation
(B) Rain water harvesting
(C) By making dams
(D) All of these

19. Wind mill uses _____ energy.
(A) solar
(B) wind
(C) hydro
(D) geothermal

20. Who among the following is an astronaut of Indian origin ?
(A) Rakesh sharma
(B) Sunita willians
(C) Neel Armstrong
(D) Both (A) and (B)

21. Device which converts chemical energy to electrical energy is
(A) solar panel
(B) bulb
(C) electric motor
(D) cell

22. Device which converts electrical energy to mechanical energy is
(A) solar panel
(B) bulb
(C) fan
(D) cell

23. Which of the following is not matter ?
(A) Shirt
(B) CPU
(C) Heat
(D) Chair

24. Which has minimum inter molecular space ?
(A) Solid
(B) Liquid
(C) Gas
(D) Plasma

25. Conversion of solid into liquid is known as :
(A) Condensation
(B) Fusion
(C) Vapourisation
(D) Sublimation

26. Conversion of liquid into gas is known as :
(A) Condensation
(B) Fusion
(C) Boiling
(D) Freezing

27. Anything that occupy space and have mass is known as :
(A) Matter
(B) Vapourisation
(C) Fusion
(D) Boiling

28. Choose the correct statement
(A) Reproduction in plants is done through seeds, roots, stems or leaves
(B) Reproduction in plants can only be done through seeds
(C) Reproduction in plants can only be done through roots.
(D) All are incorrect

29. Pollen grains are formed in
(A) ovary
(B) anther
(C) sepals
(D) receptacle

30. Bites of a snake require immediate attention of a doctor. Which action should be taken ?
(A) Put an ice pack on the victim's head
(B) Push the victim to the doctor
(C) Tie the wound with a piece of cloth
(D) Massage the area of bite

31. Which of the following is a correct combination?
(A) Earthworm – Gills
(B) Fish – Large lungs
(C) Whale – Large lungs
(D) Grass-hopper – Moist skin

32. Which of the following has scales on their body surface?
(A) Fish
(B) Birds
(C) Reptiles
(D) Both (A) and (C)

33. Which of the following can be helpful in a case of fracture in the bone?
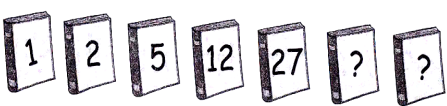(A) Splint
(B) Bandage
(C) Tourniquet
(D) Electric wires

*Space For Rough Work*

**34.** Which of the following is not true about nerve cell?
   (i) Nerve cells are also called as neurons.
   (ii) Motor nerves carry messages from sense organs to brain/spinal chord.
   (iii) Motor nerves carry messages from brain/ spinal cord to sense organs.
   (iv) sensory nerves carry messages from sense organs to brain/spinal cord.
   (v) Nerves are tube like vessels.
   (A) only (ii) and (v)    (B) (ii), (iii) and (iv)
   (C) only (i) and (v)    (D) all are true

**35.** Match the following and choose the correct option
   (i) Cerebrum          (A) Running
   (ii) Medulla           (B) Intelligence
   (iii) Cerebellum        (C) Back bone
   (iv) Spinal cord        (D) Heart Beat
   (A) (i)-(B), (ii)-(D), (iii)-(A), (iv)-(C)
   (B) (i)-(B), (ii)-(C), (iii)-(A), (iv)-(D)
   (C) (i)-(A), (ii)-(D), (iii)-(B), (iv)-(C)
   (D) (i)-(C), (ii)-(D), (iii)-(A), (iv)-(B)

**36.** Which among the following can be used in case of burns ?
   (A) Put a blanket around the victim
   (B) Throw a bucket full of water on the victim
   (C) Puncture the blisters immediately
   (D) Turn on all the fans in the room

**37.** Select the odd one out, according to nutrients present
   (A) Rice        (B) Bread
   (C) Potato       (D) Butter

**38.** Which of the following is not a symptom of PEM ?
   (A) Sickly look, dully eyes
   (B) Discoloured and dry hair
   (C) Swollen and protruding belly
   (D) All of these.

**39.** The chances of drought can be reduced by
   (A) afforestation
   (B) rain water harvesting
   (C) by making dams
   (D) all of these

**40.** Which of the following can be used for extinguishing fire ?
   (A) Water          (B) Sand
   (C) Fire extinguisher    (D) All of these

**41.** In the Torrid Zone the climate is
   (A) Moderate        (B) Cold & Dry
   (C) hot and humid      (D) Equable

**42.** The height of a place above the sea level is called..
   (A) Latitude        (B) Altitude
   (C) humidity        (D) Longitude

**43.** U.N.O was established on-
   (A) 24th October 1945
   (B) 26thOctober 1945
   (C) 24th October 1946
   (D) 24thOctober 1948

**44.** The Revolt of 1857 started at
   (A) Awadh          (B) Kanpur
   (C) Meerut          (D) Jhanshi

**45.** The world has been made smaller due to
   (A) wheels
   (B) Steam engines
   (C) fast means of transport
   (D) carts

**46.** Petroleum is called
   (A) liquid diamond     (B) black gold
   (C) black diamond      (D) white gold

**47.** The construction of Qutub Minar was completed by
   (A) Qutub-ud-din-Abak
   (B) Iltutmish
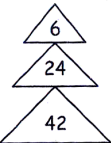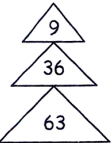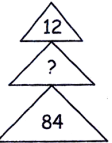   (C) Firoz Shah Tughlak
   (D) Ala-du-din Khalji

*Space For Rough Work*

**48.** Political maps show:
(A) Relief features
(B) Climatic zones
(C) Country with boundaries
(D) Crop distribution

**49.** Our national bird is
(A) Toucan..          (B) Bulbul.
(C) Peacock.          (D) Duck.

**50.** The total number of states in India are
(A) 25.     (B) 28.     (C) 29.     (D) 30.

**51.** 10,21,12,18,14,15,_____ find next two terms.
(A) 16,12    (B) 12,15    (C) 10,14    (D) 18,12

**52.** XA, WZ, UB, TY, RC, QX, _____ find next term.
(A) OD      (B) OG      (C) PD      (D) PE

**53.** 

Find next two term :
(A) 59,122              (B) 34,51
(C) 58,123              (D) 58,121

**54.** 

Fill the blanks :
(A) 61,124              (B) 61,93
(C) 61,125              (D) 93,125

**55.** Observe the pattern in the first two columns and use it to find the missing number.



(A) 60     (B) 48     (C) 36     (D) 17

**56.** The mirror image of MATHS is

MATHS

(A) MATHS

(B) SHTAM
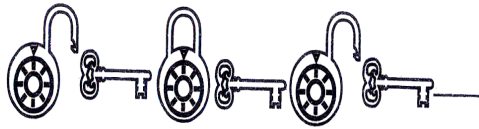
(C) MATHS

(D) SHTAM

**57.** Observe the pattern carefully

$$\frac{10}{A}, \frac{11}{B}, \frac{9}{C}, \frac{10}{D}, \frac{8}{E},$$

$$\frac{9}{F}, \cdots\cdots\cdots\cdots\cdots \frac{5}{\square}.$$

The alphabet in the blank $\square$ is :
(A) A        (B) K        (C) Z        (D) L

**58.** 

(A)        (B) 

(C)        (D) 

*Space For Rough Work*

**59.** Observe the pattern in the first two columns and use it to find the missing number.

| 2 | 5 | 3 | 16 |
| 4 | 7 | 3 | 40 |
| 6 | 9 | 3 | — |

(A) 70  (B) 72  (C) 64  (D) 68

**60.** The number of letters having vertical axis of symmetry is

OLYMPIAD

(A) 3  (B) 4  (C) 5  (D) 2

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*Space For Rough Work*

# SAMPLE PAPER - 2

## ACADEMIC SESSION : 2020-21

### FOR CLASS VI MOVING STUDENT

| Time : 1½ Hr. | Negative Marking - 0.25 | Maximum Marks : 60 |
|---|---|---|

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# VIBRANT ACADEMY (India) Private Limited

1. 73, 52, 39, 621 has _____ crores.
   (A) 73      (B) 52
   (C) 39      (D) 5

2. M M M stands for _
   (A) 3000      (B) 100
   (C) 300      (D) 1000

3. Prime factors of 12 are __
   (A) 5, 2, 3      (B) 2, 2, 3
   (C) 3, 5      (D) 3, 5, 10

4. What value for z makes this number sentence true ?  $8 \times 37 = (8) \times (30) + (8) \times (z)$
   (A) 7      (B) 8
   (C) 30      (D) 37

5. What time was 2 hours 40 minutes before 7 : 10 a.m.
   (A) 4 :20 a.m.      (B) 4 :30 a.m.
   (C) 5 : 10 a.m.      (D) 6 : 40 a.m.

6. 1m = _____ km
   (A) 1000      (B) 0.001
   (C) 0.01      (D) 100

7. If the area of a square is 144 sq. cm. Find the length of the side of the square.
   (A) 36 cm      (B) 12 cm
   (C) 14 sq. cm      (D) 48 sq. cm

8. Desending order of fraction $\frac{1}{5}, \frac{3}{7}, \frac{7}{10}, \frac{13}{28}$ is :

   (A) $\frac{13}{28} > \frac{7}{10} > \frac{3}{7} > \frac{1}{5}$

   (B) $\frac{13}{8} < \frac{7}{10} < \frac{3}{7} < \frac{1}{5}$

   (C) $\frac{7}{10} > \frac{13}{28} > \frac{3}{7} > \frac{1}{5}$

   (D) None of these

9. Find the circumference of a circle of radius 14 cm.
   (A) 70 cm      (B) 88 cm
   (C) 75 cm      (D) 38 cm

10. Successor of 999 is :
    (A) 100      (B) 1000
    (C) 998      (D) 000

11. A car runs 16 km using 1 litre of petrol. How much distance will it cover using $2\frac{3}{4}$ litres of petroL ?
    (A) 33 km      (B) 42 km
    (C) 44 km      (D) None of these

12. Basic standard unit of time is a
    (A) second.
    (B) hour.
    (C) minute.
    (D) milli-second

13. The switch is in the 'OFF' state. It means that
    (A) the circuit is open.
    (B) the circuit is closed.
    (C) there is a key in the circuit.
    (D) there is no battery in the circuit

14. The planet closest to the sun is :
    (A) mars      (B) Jupiter
    (C) mercury      (D) earth

15. A lever which has a fulcrum in the center is the
    (A) First class lever
    (B) Second class lever
    (C) Third class lever
    (D) None

16. The diagram below shows a bell ringing.



   Which form of energy is produced when a bell rings?
   (A) magnetic      (B) electrical
   (C) sound      (D) light

*Space For Rough Work*

**17.** What force pulls things toward the centre fo Earth?
(A) Friction (B) Gravity
(C) Magnetism (D) Electricity

**18.** The atmospheric pressure on our body is :
(A) $10^2\,NM^{-2}$ (B) $10^3\,NM^{-2}$
(C) $10^5\,NM^{-2}$ (D) $10^4\,NM^{-2}$

**19.** The earth has _____ natural Satellite.
(A) Five (B) Two
(C) One (D) Four

**20.** Concave lenses is _____.
(A) diverging (B) converging
(C) dispersing (D) reflecting

**21.** Static charge produces :
(A) magnetic field
(B) electric field
(C) magnetic and electric filed
(D) none of these

**22.** A mixture of sand and sugar can be separated by :
(A) dissolving it in a suitable solvent followed by fractional distillation
(B) dissolving it in a suitable solvent followed by filtration and crystallization
(C) sedimentation
(D) threshing

**23.** Dirty water contains germs and can be harmful, so swimming pools are disinfected by bubbling through water a controlled amount of :
(A) air (B) oxygen
(C) bromine (D) chlorine

**24.** Which of the following have long chains of protein ?
(A) Jute (B) Cotton
(C) Silk and Wool (D) All of the above

**25.** Which of the following is similar to cotton ?
(A) Nylon (B) Dacron
(C) Jute (D) Terylene

**26.** The part of Earth which contains water is called
(A) Atmosphere (B) Lithosphere
(C) Hydrosphere (D) None

**27.** The envelope of air that surrounds the earth is known as -
(A) troposphere (B) atmosphere
(C) exosphere (D) stratosphere

**28.** Coal is formed from
(A) rocks (B) mountains
(C) sand (D) vegetable matter

**29.** Salt is obtained from sea water mainly by the process of :
(A) decantation (B) filtration
(C) evaporation (D) condensation

**30.** Which of the things listed below are non-biodegradable ?
(i) Log
(ii) Plastic sandals
(iii) Gold necklace
(iv) Roasted chicken
(v) Credit card
(vi) Banana
(A) (i) & (ii) (B) (iii) & (v)
(C) (ii), (iv) & (vi) (D) (ii), (iii) & (v)

**31.** The space between the molecules is called
(A) Intramolecular space (B) Molecular space
(C) Intermolecular space (D) None of these

**32.** In humans, deficiency of which of the following vitamins show the symptoms given below ?
**The bones become soft and bend**
(A) Vitamin C (B) Vitamin D
(C) Vitamin A (D) Vitamin B

*Space For Rough Work*

**33.** A seed that has two cotyledon that contains stored food is a -
(A) Dicot seed    (B) Monocot seed
(C) Double seed   (D) None

**34.** The animal having hollow bones is
(A) Mammals    (B) Birds
(C) Fish       (D) None

**35.** An animal that eats fruits of trees is
(A) Cat.       (B) Monkey.
(C) Eagle.     (D) Snake.

**36.** All of the given are milk product except
(A) Cream.     (B) Cheese.
(C) Chapati.   (D) Ghee.

**37.** All of the given can feed on insects except
(A) crocodile. (B) frog.
(C) lizard.    (D) snake.

**38.** The process of getting rid of waste materials by living organisms is called
(A) respiration.   (B) digestion.
(C) reproduction.  (D) excretion.

**39.** Which plant part is usually not present in air ?
(A) Stem       (B) Leaf
(C) Flower     (D) Root

**40.** Respiratory organ for earthworm is the
(A) gills.     (B) skin.
(C) lungs.     (D) nephridia.

**41.** The part of the plant through which exchange of gases takes place is-
(A) Stem.      (B) Flower.
(C) Leaf.      (D) Root.

**42.** The president of India is elected for a period of _____ years
(A) 4          (B) 7
(C) 6          (D) 5

**43.** Mahatma Gandhi was born in which year ?
(A) 1850       (B) 1869
(C) 1866       (D) 1870

**44.** Who invented steam engine
(A) James watt (B) Faraday
(C) Daimler    (D) Edison

**45.** The world war I broke out in
(A) 1918       (B) 1919
(C) 1920       (D) 1914

**46.** Which is the largest river in the world?
(A) Amazon     (B) Nile
(C) Ganga      (D) Thames

**47.** Sunderban Delta is situated in
(A) W.Bengal   (B) Maharashtra
(C) Assam      (D) Uttar Pradesh

**48.** When is children's day celebrated ?
(A) 14th February   (B) 2nd October
(C) 14th November   (D) 25th December

**49.** The world is divided into how many major dimatic zone (heat zones)
(A) 1          (B) 2
(C) 3          (D) 4

**50.** Who was the first president of U.S.A ?
(A) G.W. Bush  (B) B. Obama
(C) A. Lincoln (D) G.Washington

**Directions : (51 to 52)** Find the missing Term :

**51.** 0, 6, 24, 60, ?
(A) 90         (B) 105
(C) 115        (D) 120

**52.**
```
    3        8        9
2 [ 3 ] 1 9 [ 6 ] 5 3 [ 8 ] ?
    1        6        2
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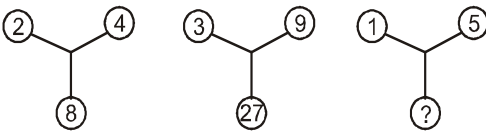(A) 0          (B) 1
(C) 2          (D) 5

*Space For Rough Work*

**Direction : (53)** In question number 53, you have been given mathematical expressions where + means ÷, – means ×, ? means + and × means –. Simplify the expression and find the value in each case.
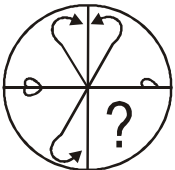
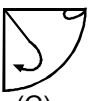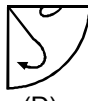**53.** $6 - 3 + 1 ? 2 \times 7$

(A) 9              (B) 13

(C) 15             (D) 19

**Directions : (54 to 55)** Find the missing Term :

**54.** ?, 6, 9, 12, 15

(A) 1              (B) 2

(C) 3              (D) 4

**55.**



(A) 6              (B) 5

(C) 7              (D) 10

**Directions :** Select a figure from the four alternatives, which when placed in the blank space of figure (X) would complete the pattern.

**56.**



(A)            (B)

(C)            (D)

**Direction (57 to 59) :** Find the missing term in the given series.

**57.** 0, 2, 2, 4, 4, 5, 6, 7, 8, 8, 10, 10, ?

(A) 9             (B) 10

(C) 13            (D) 12

**58.** MN, NM, OL, ?

(A) PK           (B) KP

(C) LM           (D) OP

**59.** W, V, T, S, Q, P, N, M, ?, ?

(A) I, J           (B) J, I

(C) J, K           (D) K, J

**60.** In the following question, find which one word can be made from the letters of the given word.

**QUINTESSENCE**

(A) SCOT         (B) QUOTE

(C) QUITE        (D) ESTEEM

*Space For Rough Work*

# SAMPLE PAPER-1
## CLASS-VI (ANSWER KEY)

| Ques. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ans. | D | A | C | A | C | A | C | B | B | B | A | B | B | B | D |
| Ques. | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| Ans. | B | C | D | B | D | D | C | C | A | B | C | A | A | B | C |
| Ques. | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 |
| Ans. | C | D | A | A | A | A | D | B | A | D | C | B | A | C | C |
| Ques. | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| Ans. | B | B | C | C | C | A | A | D | C | B | D | B | B | B | C |

# SAMPLE PAPER-2
## CLASS-VI (ANSWER KEY)

| Ques. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ans. | A | A | B | A | B | B | B | C | B | B | C | A | A | C | A |
| Ques. | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| Ans. | C | B | C | C | A | B | B | D | C | C | C | B | D | C | D |
| Ques. | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 |
| Ans. | C | B | A | B | B | C | A | D | D | B | C | D | B | A | D |
| Ques. | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| Ans. | A | A | C | C | D | D | C | B | C | B | D | D | A | D | C |

*Space For Rough Work*