

**ATOMIC ENERGY EDUCATION SOCIETY
MULTIPLE CHOICE QUESTION TEST (AUGUST 2019)**

Std : VI Subject: MATHEMATICS

Time: 1 hr. MM: 40

Name: _____ Class/Sec: ____ Roll No: ____

Invigilator's Sign: _____ Examiner's Sign _____

Instruction : Write the correct option in the bracket () given against the corresponding question.

1. The greatest 4-digit number that can be formed using the digits 1, 7, 6, 2 without repetition is
a. 1276 b. 1267 c. 6721 d. 7621 **Ans: ()**
2. The smallest 4-digit number that can be formed by using the digits 9, 0, 5 and any one of the digits twice is
a. 5009 b. 9005 c. 5090 d. 5900 **Ans: ()**
3. One Crore is
a. the smallest 8 digit number b. the smallest 7-digit number
c. the largest 7-digit number d. the largest 8 digit number **Ans: ()**
4. 1 billion = _____
a. 100 million b. 1000 million c. 10 million d. 10000 million **Ans: ()**
5. The estimated value of $17,986 + 5,290$ is
a. 23, 000 b. 24,000 c. 22,000 d. 21,000 **Ans: ()**
6. A good estimate of the product of 63×182 by using general rules is
a. 20,000 b. 10,800 c. 12,000 d. None **Ans: ()**
7. The Roman numeral for 500 is _____
a. C b. L c. D d. X **Ans: ()**
8. Among the following Roman symbols, the one which can be repeated is _____
a. V b. D c. L d. X **Ans: ()**
9. The Roman numeral for 92 is _____
a. XCIII b. XCII c. XDII d. XLII **Ans: ()**
10. 1 kilometre = ____ mm
a. 10000 b. 1000 c. 100000 d. 1000000 **Ans: ()**
11. Which one of the following statements is false?
a. zero is the smallest whole number. b. all natural numbers are whole numbers
c. all whole numbers are natural numbers d. the whole number 0 has no predecessor
Ans: ()

12. The predecessor of 10000 is
 a. 9999 b. 10001 c. 999 d. 99999 **Ans: ()**
13. The successor of 100199 is
 a. 1000200 b. 100200 c. 100201 d. 100198 **Ans: ()**
14. $854 \times 102 = 854 \times (100+2)$
 $= 854 \times 100 + 854 \times 2$
 The property involved in this operation is
 a. commutative b. associative c. closure d. distributive **Ans: ()**
15. Which one of the given numbers can be arranged in a triangular pattern?
 a. 2 b. 6 c. 5 d. 8 **Ans: ()**
16. Which one of the following will not represent zero
 a. $1+0$ b. 0×0 c. $0/2$ d. $10 - 10 / 2$ **Ans: ()**
17. A number is called a perfect number, whose sum of factors is equal to _____ the number.
 a. thrice b. twice c. four times d. once **Ans: ()**
18. Among the following numbers, which one is the factor of every number?
 a. 2 b. 3 c. 1 d. 0 **Ans: ()**
19. The numbers other than 1 whose only factors are 1 and the number itself are called
 a. composite numbers b. co-prime numbers
 c. prime numbers d. odd numbers **Ans: ()**
20. The only even prime number is
 a. 4 b. 6 c. 8 d. 2 **Ans: ()**
21. If a number has 0 in the ones place then it is divisible by
 a. 4 b. 10 c. 3 d. 6 **Ans: ()**
22. If the sum of the digits is a multiple of 3, then the number is divisible by
 a. 4 b. 10 c. 3 d. 6 **Ans: ()**
23. Two numbers having only 1 as a common factor are _____
 a. composite numbers b. co-prime numbers
 c. prime numbers d. odd numbers **Ans: ()**
24. If a number is divisible by 9, it is also divisible by
 a. 5 b. 2 c. 4 d. 3 **Ans: ()**
25. All the numbers divisible by 8, must also be divisible by
 a. 4 b. 6 c. 5 d. 3 **Ans: ()**
26. In which of the following expressions, prime factorisation has been done?
 a. $24 = 2 \times 3 \times 4$ b. $56 = 7 \times 4 \times 2$ c. $70 = 2 \times 5 \times 7$ d. $54 = 2 \times 3 \times 9$ **Ans: ()**

27. What is the HCF of two consecutive even numbers?
 a. 2 b. 1 c. 3 d. 4 **Ans: ()**
28. Divisibility of 11 is checked by comparing the sum of digits at
 a. odd places only b. even places only
 c. odd and even places d. all places **Ans: ()**
29. First two common multiples of 6 and 8 are
 a. 12, 16 b. 24, 48 c. 18, 32 d. 36, 40 **Ans: ()**
30. LCM of 9 and 4 is _____
 a. 32 b. 34 c. 38 d. 36 **Ans: ()**
31. The opposite edges of a ruler is an example for _____
 a. parallel lines b. intersecting lines c. rays d. surface **Ans: ()**
32. A simple closed curve made up of line segments is called _____
 a. ray b. circle c. polygon d. surface **Ans: ()**
33. A chord passing through the centre of the circle is called _____
 a. radius b. arc c. diameter d. circumference **Ans: ()**
34. A _____ is the path of a point moving at the same distance from a fixed point.
 a. diameter b. arc c. segment d. circle **Ans: ()**
35. A three sided polygon is known as _____
 a. square b. triangle c. rectangle d. circle **Ans: ()**
36. In a quadrilateral ABCD, which one of the following is not representing a pair of adjacent angles.
 a. $\angle A, \angle B$ b. $\angle B, \angle C$ c. $\angle C, \angle D$ d. $\angle D, \angle B$ **Ans: ()**
37. In a quadrilateral ABCD, which one of the following is not representing a pair of adjacent sides.
 a. AB, BC b. BC, CD c. AB, CD d. CD, DA **Ans: ()**
38. An angle is made up of two rays starting from a common end point. The end point is the _____ of the angle.
 a. vertex b. centre c. arm d. arc **Ans: ()**
39. For a five sided polygon, number of diagonals possible is _____
 a. 3 b. 4 c. 2 d. 5 **Ans: ()**
40. The end points of the same side of a polygon are called the _____ vertices.
 a. opposite b. adjacent c. alternate d. common **Ans: ()**

A E E S
MCQ TEST 2019 CLASS: VI
SUBJECT: MATHEMATICS
ANSWER KEY

- | | | | |
|-----|--|-----|-------------------------------|
| 1. | d. 7621 | 21. | b. 10 |
| 2. | a. 5009 | 22. | c. 3 |
| 3. | a. the smallest 8 digit number | 23. | b. co-prime numbers |
| 4. | b. 1000 million | 24. | d. 3 |
| 5. | a.23,000 | 25. | a.4 |
| 6. | c. 12,000 | 26. | c. $70 = 2 \times 5 \times 7$ |
| 7. | c. D | 27. | a.2 |
| 8. | d. X | 28. | c. odd and even places |
| 9. | b.XCII | 29. | b. 24, 48 |
| 10. | d. 1000000 | 30. | d. 36 |
| 11. | c. all whole numbers are natural numbers | 31. | a. parallel lines |
| 12. | a. 9999 | 32. | c. polygon |
| 13. | b. 100200 | 33. | c. diameter |
| 14. | d. distributive | 34. | d. circle |
| 15. | b. 6 | 35. | b. triangle |
| 16. | a. $1 + 0$ | 36. | d. $\angle D, \angle B$ |
| 17. | b. twice | 37. | c. AB, CD |
| 18. | c. 1 | 38. | a. vertex |
| 19. | c. prime numbers | 39. | d. 5 |
| 20. | d. 2 | 40. | b. adjacent |
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**ATOMIC ENERGY EDUCATION SOCIETY
MULTIPLE CHOICE QUESTION TEST (AUGUST 2019)**

Std : VI Subject: SCIENCE

Time: 1 hr. MM: 40

Name: _____ Class/Sec: ____ Roll No: ____

Invigilator's Sign: _____ Examiner's Sign _____

Instruction: Write the correct option in the bracket () given against the corresponding question.

1. The food eaten by an individual in a day is called
a) steroids b) Diet c) Medicine d) Supplements Ans: ()
2. Cockroach is a / an
a) Herbivore b) Carnivore c) Omnivore d) Scavenger Ans: ()
3. Sprouting involves
a) Soaking b) Draining water from soaked seeds
c) Leaving soaked seeds till they germinate d) All of these Ans: ()
4. Which of the following is not an animal product?
a) Butter b) Cheese c) Cottage cheese d) Tofu Ans: ()
5. Carrot and _____ are roots
a) Turnip b) Onion c) Potato d) Ginger Ans: ()
6. Edible parts of pumpkin are
a) Fruit b) Flower c) Stem d) Both (a) & (b) Ans: ()
7. Which of the following nutrients is not present in milk
a) Protein b) Vitamin C c) Calcium d) Vitamin D Ans: ()
8. All deficiency diseases can be prevented by
a) cleanliness b) taking medicines at proper time
c) vaccination d) taking balanced diet Ans: ()
9. Vitamins and minerals are:
a) Protective foods b) Energy giving food
c) Body building foods d) Roughage Ans: ()

10. Deficiency of Vitamin D causes:
(a) Scurvy (b) Rickets (c) Anaemia (d) Goitre Ans: ()
11. Excess of fats in diet causes:
(a) Blindness (b) Obesity (c) Diabetes (d) Weak muscles Ans: ()
12. Presence of starch in the food is tested by-
(a) Iodine (b) Caustic soda (c) Copper sulphate (d) Sodium iodide. Ans: ()
13. Which set of substances is not used for making fibres?
(a) Silk, chemicals (b) Yak hair, camel hair
(c) Husk, bones (d) Flax, wool Ans: ()
14. Aayush went to a cloth shop. There he found a fabric which was smooth to touch, had vibrant colour and shine. The fabric could be
(a) Cotton (b) Wool (c) Silk (d) Jute Ans: ()
15. Which part of the jute plant is used for getting jute fibre?
(a) Flower (b) Stem (c) Fruit (d) Leaf Ans: ()
16. Atharv is a farmer. His field has black soil and the climate is warm. Which fibre yielding plant should he grow in his field?
(a) Jute (b) Cotton (c) Coconut (d) Wool Ans: ()
17. Strongest man made fibre is –
(a) Rayon (b) Polyester (c) Silk (d) Nylon Ans: ()
18. The seed of cotton is called
(a) Fibre (b) Binola (c) Bolus (d) Fabric Ans: ()
19. The state of material with definite volume but no definite shape is:
(a) Solid (b) Mixture (c) Gas (d) Liquid Ans: ()
20. Which one of the following is soft?
(a) Sugar (b) Mud (c) Gold (d) Sponge Ans: ()
21. Which of the following floats on water?
(a) Silver articles (b) Earthen pots (c) Wooden log (d) Iron nail Ans: ()
22. Plastic, paper and wood are:
(a) Conductor (b) Insulator (c) Semi-conductor (d) Translucent Ans: ()
23. Due to the action of air and water some metals lose their shine. This process is called
(a) Malleability (b) Ductility (c) Corrosion (d) Tarnishing Ans: ()

24. Which of the following materials is not lustrous?

- (a) Gold (b) Silver (c) Wood (d) Diamond

Ans: ()

25. Which of the following statements is not true?

- (a) Materials are grouped for convenience.
(b) Materials are grouped to study their properties
(c) Materials are grouped for fun.
(d) Materials are grouped according to their uses.

Ans: ()

26. Which amongst the following methods would be most appropriate to separate grains from bundles of stalks?

- (a) Hand picking (b) Winnowing (c) Sieving (d) Threshing

Ans: ()

27. While preparing chapatis, Anita found that the flour to be used was mixed with wheat grains. Which out of the following is the most suitable method to separate the grains from the flour?

- (a) Threshing (b) Sieving (c) Winnowing (d) Filtration

Ans: ()

28. Avantika asked for a glass of water from Naman. He gave her a glass of ice cold water. Avantika observed some water droplets on the outer surface of the glass. The reason behind this is:

- (a) Evaporation of water from the glass. (b) Water seeped out from the glass.
(c) Evaporation of atmospheric water vapour. (d) Condensation of atmospheric water vapour.

Ans: ()

29. Which of the following mixtures would you be able to separate using the method of filtration?

- (a) Oil in water (b) Cornflakes in milk
(c) Salt in water (d) Sugar in milk

Ans: ()

30. The process of conversion of water into its vapour is called:

- (a) Evaporation (b) Condensation (c) Melting (d) Freezing

Ans: ()

31. Husk is separated from heavier seeds of grain by

- (a) Threshing (b) Filtration (c) Winnowing (d) Ginning

Ans: ()

32. A solution in which no more of that substance can be dissolved is called a:

- (a) Saturated solution (b) Super saturated
(c) Unsaturated (d) None of these

Ans: ()

33. Digestion of food is a:

- (a) Temporary change (b) Reversible change
(c) Chemical change (d) Physical change.

Ans: ()

34. Which of the following changes can not be reversed?

- (a) Hardening of cement (b) Freezing of ice cream
(c) Opening of door (d) Melting of chocolate.

Ans: ()

35. Iron rim is made slightly smaller than the wooden wheel. The rim is usually heated before fixing into the wooden wheel, because on heating the iron rim:-

- (a) Expands and fits onto the wooden wheel
(b) contracts and fits onto the wooden wheel. (c) no change in the size takes place.
(d) Expands first, then on cooling contracts and fits onto the wooden wheel ring. Ans: ()

36. Rolling of chapati and baking of chapati are the changes that:-

- (a) can be reversed
(b) cannot be reversed.
(c) can be reversed and cannot be reversed, respectively.
(d) cannot be reversed and can be reversed, respectively.

Ans: ()

37. When air is filled into a balloon, the shape and size of the balloon changes due to:-

- a) Heat b) pressure c) Physical change d) Both b & c Ans: ()

38. When water is mixed with plaster of paris it becomes

- a) Ductile b) soft c) very soft d) hard Ans: ()

39. When iron is heated it:

- a) Evaporates b) expands c) dissolves d) contracts Ans: ()

40. A change can be brought about by:-

- a) heating a substance b) mixing it with some other substance
c) applying pressure d) all of the above. Ans: ()

AEES
MCQ Test
Class VI- Science

Answer key of MCQ (Class-VI)

1. b) Diet
2. c) Omnivore
3. d) All of these
4. d) Tofu
5. a) Turnip
6. d) Both (a) & (b)
7. b) Vitamin C
8. d) taking balanced diet
9. a) Protective foods
10. b) Rickets
11. b) Obesity
12. a) Iodine
13. c) Husk, bones
14. c) Silk
15. b) Stem
16. b) Cotton
17. d) Nylon
18. b) Binola
19. d) Liquid
20. d) Sponge
21. c) Wooden log
22. b) Insulator
23. d) Tarnishing
24. c) Wood
25. c) Materials are grouped for fun.
26. d) Threshing
27. b) Sieving
28. d) Condensation of atmospheric water vapour.
29. b) Cornflakes in milk
30. a) Evaporation
31. c) Winnowing
32. a) Saturated solution
33. c) Chemical change
34. a) Hardening of cement
35. d) Expands first, then on cooling contracts and fits onto the wooden wheel ring
36. c) can be reversed and cannot be reversed, respectively
37. d) Both b & c
38. d) hard
39. b) expands
40. d) All of these

ATOMIC ENERGY EDUCATION SOCIETY
MULTIPLE CHOICE QUESTION TEST (AUGUST 2019)

Std : VI Subject: SOCIAL SCIENCE

Time: 1 hr. MM: 40

Name: _____ Class/Sec: ____ Roll No: ____

Invigilator's Sign: _____ Examiner's Sign _____

Instruction: Write the correct option in the bracket () given against the corresponding question.

1. Which river's bank did the people live along in the ancient time?

- (a) Ganga (b) Narmada (c) Sutlej (d) None of these **Ans: ()**

2. Where did the manuscripts keep safe?

- (a) In temples and monasteries (b) In museums
(c) Both (a) & (b) (d) None of these **Ans: ()**

3. When did agriculture start?

- (a) 4700 years ago (b) 2500 years ago
(c) 8000 years ago (d) 5500 years ago **Ans: ()**

4. What helps us to find out the records of hunters, fishing folk etc.?

- (a) Archaeology (b) Astrology (c) Biology (d) All of these **Ans: ()**

5. When were the trains used first?

- (a) 200 years ago (b) 250 years ago (c) 150 years ago (d) 300 years ago **Ans: ()**

6. How did the ancient people travel?

- (a) By buses (b) By trains (c) By ships (d) On foot **Ans: ()**

7. For what purpose were the stone tools used?

- (a) To cut meat and bone (b) To chop fruits and roots
(c) To make spears and arrow (d) All of these **Ans: ()**

8. In which state were the eggs of Ostrich found?
(a) Maharashtra (b) Madhya Pradesh (c) Delhi (d) Noida **Ans: ()**
9. What type of food do we get from plants?
(a) Milk (b) Meat (c) Fruits, vegetables and grains (d) None of these **Ans: ()**
10. Select the animal for domestication.
(a) Lion (b) Bear (c) Dog (d) Elephant **Ans: ()**
11. Which of the following is an important source of milk and meat?
(a) Tiger (b) Dog (c) Goat (d) cat **Ans: ()**
12. When did Harappan cities develop?
(a) About 4,700 years ago (b) About 3,700 years ago
(c) About 2,700 years ago (d) About 1,700 years ago **Ans: ()**
13. Which metal were the most of things found by the archaeologists made of?
(a) Stone (b) Copper and gold (c) Silver (d) All of these **Ans: ()**
14. From where did the Harappan get copper?
(a) Mumbai (b) Delhi (c) Kerala (d) Rajasthan **Ans: ()**
15. Which of the following is the oldest veda?
(a) Samaveda (b) Yajurveda (c) Rigveda (d) Atharvaveda **Ans: ()**
16. In which language is 'The Rigveda' written?
(a) Vedic Sanskrit (b) Vedic Hindi (c) Vedic Tamil (d) None of these. **Ans: ()**
17. Who were the priests in the ancient time?
(a) Brahmins (b) Sikhs (c) Muslims (d) None of these **Ans: ()**
18. Who is the 'god of fire' according to Rigveda?
(a) Agni (b) Indra (c) Soma (d) None of these **Ans: ()**
19. Which is the third nearest planet to the sun?
(a) Venus (b) Earth (c) Mercury (d) Saturn **Ans: ()**

20. The pole star indicates the direction to the:

- (a) South (b) North (c) East (d) West

Ans: ()

21. What is a globe?

- (a) Earth (b) True model of the earth (c) Both (a) & (b) (d) None of these **Ans:** ()

22. What divides the earth into two equal parts: The northern hemisphere and the southern hemisphere?

- (a) Tropic of Capricorn (b) Tropic of cancer (c) Equator (d) Arctic circle **Ans:** ()

23. What time does earth take , rotating from one degree longitude to next longitude?

- (a) 4 minutes (b) 15 minutes (c) 10 minutes (d) None of these **Ans:** ()

24. The movement of the earth around the sun is known as?

- (a) Rotation (b) Revolution (c) Inclination (d) Gravitation **Ans:** ()

25. A year with 366 days is called?

- (a) Leap year (b) Normal Year (c) Both (a) & (b) (d) None of these **Ans:** ()

26. Which one of the following is the source of light on the earth?

- (a) The moon (b) The sun (c) The Satellite (d) The Space **Ans:** ()

27. When do the longest day and the shortest night occur in the northern hemisphere?

- (a) June 21 (b) September 23 (c) December 22 (d) March 21 **Ans:** ()

28. Days and nights occurs on earth due to

- (a) Rotation (b) Revolution (c) Both (a) & (b) (d) None of these **Ans:** ()

29. What is a map?

- (a) A globe (b) A drawing of the earth's surface on a flat paper according to the scale

- (c) A projection (d) None of these **Ans:** ()

30. Which map gives more information?

- (a) Small scale map (b) Large scale map (c) Ordinary map (d) None of these **Ans:** ()

31. The blue colour is used for showing
(a) Mountains (b) Plant sand trees (c) Water (d) None of these **Ans: ()**
32. A scale is compulsory for
(a) A map (b) A sketch (c) A symbol (d) All of these **Ans: ()**
33. On which source do the people of Ladakh depend on drinking water?
(a) Rivers (b) Sea (c) Melting of snow (d) None of these **Ans: ()**
34. Which is the major product grown in Kerala?
(a) Wool (b) Spices like clove (c) Cotton (d) None of these **Ans: ()**
35. Who wrote "The Discovery of India"?'
(a) Pt. Jawahar Lal Nehru (b) Indira Gandhi
(c) Atal Bihari Vajpayee (d) Lal Bahadur Shastri **Ans: ()**
36. Who composed our National Anthem?
(a) Mahatma Gandhi (b) Lal Bahadur Shastri
(c) Rabindranath Tagore (d) Rajiv Gandhi **Ans: ()**
37. How many languages are spoken in India?
(a) More than 600 (b) More than 1600
(c) More than 2600 (d) More than 3600 **Ans: ()**
38. What term do we use for disabled person?
(a) Challenged person (b) Ordinary (c) Ceneous (d) None of these **Ans: ()**
39. Who drafted the Indian Constitution?
(a) Dr. Bhim Rao Ambedkar (b) Mayawati
(c) Kanshi Ram (d) Lal Krishan Adwani **Ans: ()**
40. When did India become a free nation?
(a) in 1947 (b) in 1948 (c) in 1950 (d) in 1960 **Ans: ()**

**AEES
MCQ TEST
CLASS : VI
SUBJECT: SOCIAL SCIENCE
ANSWER KEY**

1. (b) Narmada
2. (a) In temples and monasteries
3. (c) 8000 years ago
4. (a) Archaeology
5. (c) 150 years ago
6. (d) On foot
7. (d) All of these
8. (a) Maharashtra
9. (c) Fruits, vegetables and grains
10. (c) Dog
11. (c) Goat
12. (a) About 4,700 years ago
13. (d) All of these
14. (d) Rajasthan
15. (c) Rigveda
16. (a) Vedic Sanskrit
17. (a) Brahmins
18. (a) Agni
19. (b) Earth
20. (b) North
21. (b) True model of the earth
22. (c) Equator
23. (a) 4 minutes

24. (b) Revolution
25. (a) Leap year
26. (b) The sun
27. (a) June 21
28. (a) Rotation
29. (b) A drawing of the earth's surface on a flat paper according to the scale
30. (b) Large scale map
31. (c) Water
32. (a) A map
33. (c) Melting of snow
34. (b) Spices like clove
35. (a) Pt. Jawahar Lal Nehru
36. (c) Rabindranath Tagore
37. (b) More than 1600
38. (a) Challenged person
39. (a) Dr. Bhim Rao Ambedkar
40. (a) in 1947
