

केन्द्रीय विद्यालय संगठन
Kendriya Vidyalaya Sangathan
Learner Achievement Test/ लर्नर उपलब्धि टेस्ट
Entry Level Class-VIII [MODAL PAPER]

समय/TIME: 90 मिनट /MINUTES

पूर्णांक /MAX.MARKS: 60

निर्देश / INSTRUCTIONS:

1. सभी बहुविकल्पीय प्रश्न हैं। All questions are 'Multiple Choice Questions'.
2. सभी प्रश्न अनिवार्य हैं। All questions are compulsory.
3. केवल एक ही विकल्प सही है। Only one option is correct.
4. केवल सही उत्तर पर (√) का निशान लगाएँ। Only tick mark (√) the correct answer.
5. प्रत्येक प्रश्न 01 अंक का है। Each questions carries 01 mark.

Name of the student: _____ Roll No.: _____

Class: _____ Section: ___ Date & Date : _____

Kendriya Vidyalaya: _____

Signature of the Invigilator: _____

SUBJECTS	ENGLISH	SCIENCE	MATHS	SOCIAL SCIENCE	TOTAL
MARKS ATTOTED	20	20	20	20	80
MARKS OBTAINED					

Name & Signature of the checker: _____

PART – I |ENGLISH|

Note: For Q.no. 1 to 5' Read the following paragraph and answer the questions that follow:

'A young woodcutter named Taro lived with his mother on a lonely hillside. All day long he chopped wood in the forest. Though he worked very hard, he earned very little money.

Q.1. Taro lived with-----

- (a) Friends (b) Poor people (c) Parent (d) Cousins **Answer: ()**

Q.2. Taro was-----

- (a) Farmer (b) Beggar (c) Shepherd (d) Wood cutter **Answer: ()**

Q.3. His house was on a -----

- (a) Populated hillside (b) Lonely hillside (c) Tree (d) Hill top **Answer: ()**

Q.4. Taro was a -----

- (a) Lazy boy (b) Hard worker (c) Day dreamer (d) Dishonest **Answer()**

Q.5. Noun form of young is-----

- (a) Younger (b) Young man (c) Youth (d) Youngest **Answer ()**

Note: To answer question 6-9 read the passage carefully and choose the correct option give below.

The entire female mongoose has their kitten at about the same time. They are raised by the whole group in a den made inside the old termite mount or hollow log. When most of the adults are out looking for food, one or two males return for the night.

Q.6. Kittens are young ones of-----

- (a) Cows (b) Dogs (c) Tigers (d) Mongooses **Answer ()**
- Q.7. Choose, which word means Searching-----
 (a) Picking (b) Chasing (c) Running (d) looking for **Answer ()**
- Q.8. One or two males returned to the den at night -----
 (a) to look after the kitten (b) to have rest (c) to have food (d) None of the above **Answer ()**
- Q.9. House of the mongoose is called-----
 (a) Cave (b) Den (c) Burrow (d) Nest **Answer ()**

Note: To answer question 10-13, complete the notice by choosing the right options.

<p>------(a)-----</p> <p>NOTICE MISSING OF WATER BOTTLE -----(b) A one liter blue coloured Milton water bottle has been lost during (c)-----in (d) ----- Whosoever finds it please return to the under signed. Alok Class- 7th</p>
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- Q.10. In blank no. a, the name of-----is written.
 (a) Bank (b) School (c) Police Station (d) The person issuing the notice **Answer ()**
- Q.11. In blank no. 'b', the ----- will be written.
 (a) Date (b) Salutation (c) Address (d) Name of the writer **Answer ()**

Q.12. In blank no. 'c', the----- will be written.
 (a) Day (b) Date (c) Time (d) Place
Answer ()

Q.13. In blank no. 'd', the ----- will be written.
 (a) Time (b) Place (c) Make of the bottle (d)
 Price of the bottle **Answer ()**

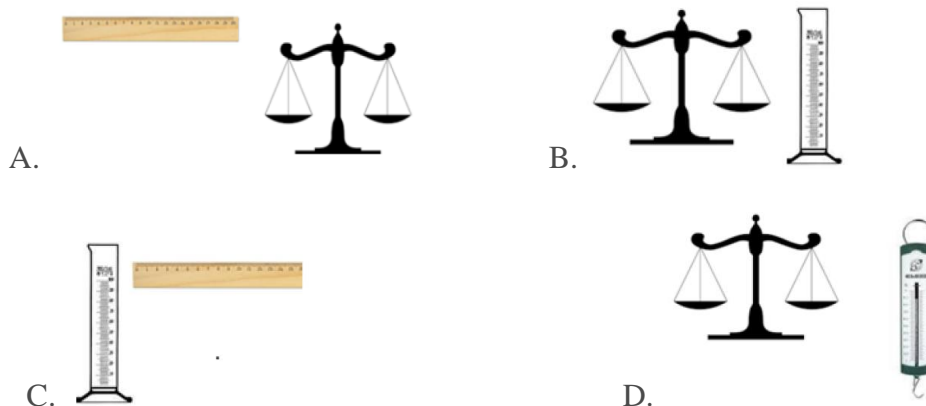
Note: For Q.no.14 to 19, read the following application carefully and fill in the blanks by choosing correct options given.

<p>_____ (14) DELHI PUBLIC SCHOOL GWALIOR. _____ (15): Request for two days' leave _____ (16) I would like to _____ (17) that I am _____ (18) from fever since morning. Hence I cannot attend _____ (19) for two days. I, therefore, request you to grant me leave for two days. Yours obediently Krishna VII-A</p>

- Q.14.(a) The principal (b) The father (c) The friend (d) The doctor
 Q.15.(a) Subject (b) Object (c) Date (d) Name
 Q.16.(a) SIR (b) FRIEND (c) FATHER (d) MOTHER
 Q.17.(a) Suggest (b) State (c) Help (d) Seek
 Q.18.(a) Suffer (b) Suffering (c) Resting (d) suffers
 Q.19.(a) Marriage (b) School (c) Post office (d) Market
 Q.20. Gardener uses a ----- to dig the ground.
 (a) Stick (b) spade (c) rod (d) Knife

PART – II [SCIENCE]

1. Ritu wants to compare the mass and volumes of three objects. Which two instruments should be used?



2. Which of the following describes Dengue?

- A. Infectious, non-contagious B. Non-infectious, non-contagious
C. Infectious, contagious D. Non-infectious, contagious

3. Mona listed following key words related with properties of sources of energy –

- I. Non-exhaustible II. Easily available
III. Cheap IV. Renewable

Which of these meets the criteria listed by Mona?

- A. Nuclear power B. Thermal energy C. CNG D. Biogas

4. A scientist recorded the growth in number of a microorganism for two hours.



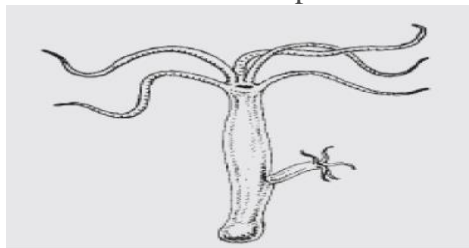
What would be the number of microorganism after 2 hours?

- A. 90 B. 100 C. 120 D. 160

5. Which form of energy is present in fossil fuels?

- A. Solar energy B. Chemical energy C. Electrical energy D. Mechanical energy

6. Which method of reproduction has been shown in the given diagram?

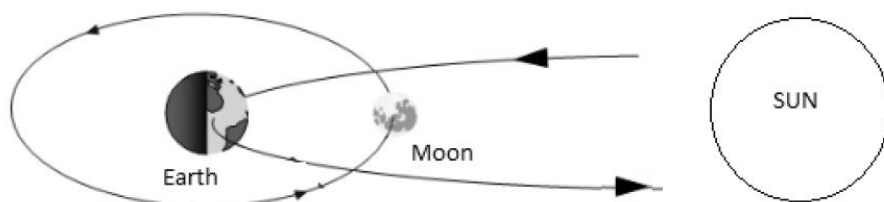


- A. Budding B. Fragmentation C. Segmentation D. Conjugation

7. It is easy to put a sharp nail on a wood log than a blunt nail because of –

- A. Large volume B. Large surface area C. High pressure D. Heavy weight

8. Which phenomenon could be best explained by the given diagram?



- A. solar eclipse B. lunar eclipse C. formation of day and night D. occurrence of seasons

9. Which of the following best lists the features of solar energy?

- A. Inexhaustible, renewable, direct use B. Inexhaustible, non-polluting, continuous supply
C. Renewable, non-polluting, huge source D. Renewable, direct use, huge source

10. Four students collected following materials in their garden compost pits and covered it with soil. They watered their pits occasionally.

Student Materials collected in garden pits

Manu Dry leaves, vegetable peels, banana peels, left-over food

Nidhi Paper cups, biscuit wrapper, tissue paper, plastic bottles

Shyam Tea leaves, Vegetable peels, waste bread, earthworm

Elli Sand, fertiliser, plastic bottles, earthworm

After one and half months, only two students could get manure from their pits. They were -

- A. Manu and Nidhi B. Nidhi and Shyam
C. Manu and Shyam D. Elli and Manu

11. Which of these is a chemical change?

- A. Freezing of lakes B. Souring of milk
C. Mixing of soil and water D. Making aluminium foil from wire

12. Raveena wants to see if plants can grow when watered with X brand of cold drink. She noted

down some options as following –

I. Take two different potted plants

II. Take two same potted plants

III. Give equal quantity of water to both plants

IV. Give water to one plant and the same amount of X cold drink to another plant

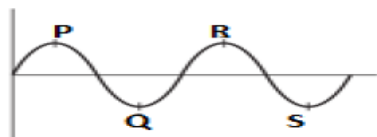
V. Put both plants under Sun

VI. Put one plant indoor, another under sun

Which set of options would provide Raveena desirable result?

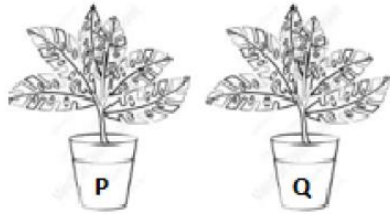
- A. I, II, V B. I, IV, VI C. II, IV, V D. II, IV, VI

13. Distance PR in the illustration of the shown wave is called –



- A. Pitch B. Amplitude C. Frequency D. Wavelength

14. Raja wanted to see if plants grow better with mineral water of X brand of tap water. He took two same potted plants as shown below.



Which of the following would give him best result?

- A. P = Only tap water; Q = Only mineral water
 B. P = Both tap and mineral water; Q = Only mineral water
 C. P = No water; Q = Mineral Water
 D. P = Both tap and mineral water; Q = Both tap and mineral water

15. Which part of human cell is largely responsible for transfer of traits from parents to the progeny?

- A. Ribosomes B. Cytoplasm C. Nucleus D. Cell membrane

16. Which of the following lists the layer in order of increasing distance from the earth?

- A. Troposphere, mesosphere, stratosphere B. Troposphere, stratosphere, mesosphere
 C. Stratosphere, troposphere, mesosphere D. Stratosphere, mesosphere, troposphere

17. In an electromagnet, a conductor is coiled around -

- A. a test tube B. an iron nail C. a roll of paper D. a pencil cell

18. Which of the following is NOT an advantage of irrigation?

- A. keeps soil insects away B. improves soil aeration
 C. dissolves nutrients in fertilisers D. helps in germination of seeds

19. Which of the following is the list of gases found in the atmosphere in increasing order of abundance?

- A. Nitrogen, oxygen, carbon dioxide B. Oxygen, carbon dioxide, nitrogen
 C. Nitrogen, carbon dioxide, oxygen D. Carbon dioxide, oxygen, nitrogen

20. Which of the following is correct sequence of events related to fertilisation?

- A. Release of ovum " Formation of zygote Fertilisation Maturation of ovum
 B. Maturation of ovum " Release of ovum Formation of zygote Fertilisation
 C. Maturation of ovum " Release of ovum Fertilisation Formation of zygote
 D. Release of ovum " Maturation of ovum Formation of zygote Fertilisation

PART – III [MATHS]

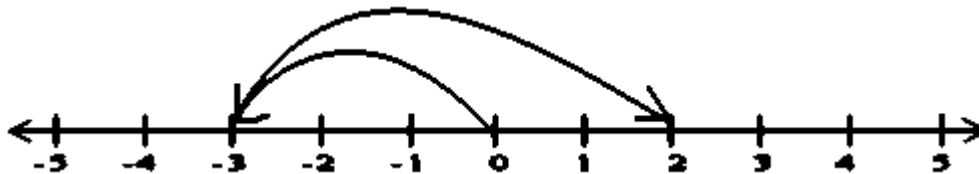
1. The whole numbers consists of -

- (a) 1,2,3,4,5.....
 (b) 0, 1, 2, 3, 4.....
 (c)-3,-2,-1,0,1,2,3.....



2. Rounding off 4562 to nearest thousand

- (a) 5000 (b) 4570 (c) 4600

3. If a number is divisible by 4 and 6, then the number is divisible by
 (a) 10 (b) 64 (c) 12
4. A polygon of 5 sides is called
 (a) Hexagon (b) Pentagon (c) Octagon
5. The triangle having angles of measures 30° , 50° and 100° is an -
 (a) Acute triangle (b) Obtuse triangle (c) Right triangle.
6. Sum of two negative integers is always -
 (a) Positive. (b) Negative (c) Zero.
7. Correct symbol in the box $\frac{4}{9}$ $\frac{4}{7}$ is
 (a) < (b) = (c) >
8. To provide place for decimals Place value chart is extended on
 (a) Right side. (b) Left side (c) Both sides.
9. The perimeter of a rectangle of length 7.5 m. and breadth 2.5m.
 (a) 18.75m (b) 10m (c) 20m
10. The ratio of 50 paise to Rs. 2 is
 (a) 1:3 (b) 1:4 (c) 5:2
11. The Roman numeral of 69 is
 (a) XCIX (b) VIIX (c) LXIX (d) LXIV
12. The predecessor of 10100 is
 (a) 19999 (b) 10099 (c) 19019 (d) 99099
13. The prime factorization of 120 is
 (a) $120 = 4 \times 5 \times 6$ (b) $120 = 2 \times 2 \times 2 \times 3 \times 5$
 (c) $120 = 2 \times 2 \times 3 \times 10$ (d) $120 = 2 \times 3 \times 20$
14. The number of faces in a square pyramid is-
 (a) 3 (b) 4 (c) 6 (d) 5
15. Mathematical statement representing the following figure:



- (a) $(-2) + 5 = 2$ (b) $(-2) + 5 = 3$
 (c) $(-3) + 5 = 2$ (d) $(-2) + 3 = 5$
16. $2\frac{1}{5} + \frac{3}{5}$ equal to
 (a) $2\frac{4}{5}$ (b) $5\frac{1}{5}$ (c) $2\frac{3}{5}$ (d) $5\frac{4}{5}$
17. The decimal representation of the fraction $\frac{2}{10}$ is
 (a) 2.0 (b) 0.2 (c) 20.0 (d) 2.10

18. If  represents 10 students, then  represent _____
 (a) 50 students (b) 45 students (c) 500 students (d) 450 students []
19. The perimeter of a triangle is 40 cm. Two of its sides are 12 cm. and 15 cm.
 The third side is
 (a) 17 cm. (b) 27 cm. (c) 23 cm. (d) 13cm.
20. 'Six times of y added to 5' is written as
 (a) $6y + 5$ (b) $6y - 5$ (c) $6 - 5y$ (d) $6 + 5y$

PART – IV [SOCIAL SCIENCE]

1. Which of the present state is supposed to be Kalinga Kingdom during Mauryan Empire?
 A. Bihar B. Orissa C. Bengal D. Gujarat
2. Which one of the tribe given below rebelled against the British?
 A. The godhara B. The Bhils C. The Labadis D. The Mundas
3. Which of these is a right given to a common man to choose the government?
 A. Right to Constitutional Remedies B. Cultural and Educational Rights
 C. Universal adult franchise D. Right to freedom of religion
4. Which of these is NOT a basic facility that government is responsible to provide?
 A. Electricity B. Water C. Club and gymnasium D. Schools and hospitals
5. Sea caves are turned into stacks because of -
 A. continuous strike at the rocks and break the rock
 B. wide cavities in rocks created due to earth quake.
 C. loss of roof during corrosion leaving only walls D. roof of sea cliffs
6. Which of the following pair is NOT correct?
 A. Crust - The solid surface of the earth
 B. Tremor - Shaking of ground due to earthquake
 C. Epicenter - The deep down place where an earthquake starts
 D. Richter scale - A scale which classifies the magnitude of an earthquake
7. The place where a building or a settlement develops is called its site. Which of the natural condition is not an important consideration for the selection of an ideal site?
 A. Favorable climate B. Malls and shops
 C. Availability of water D. Fertile soil
8. Which of these is a ubiquitous resource?
 A. Copper B. Petrol C. Water D. Coal
9. A group of stars forming a pattern is called -
 A. Universe B. Galaxy C. Constellation D. Meteoroids
10. Which one of given the Indian cities was not deurbanized during the nineteenth century?

- A. Machlipatnam B. Surat C. Seringapatam D. Bengal

11. In 1911, when King George V was crowned in England, a Durbar was held in Delhi to celebrate the occasion.

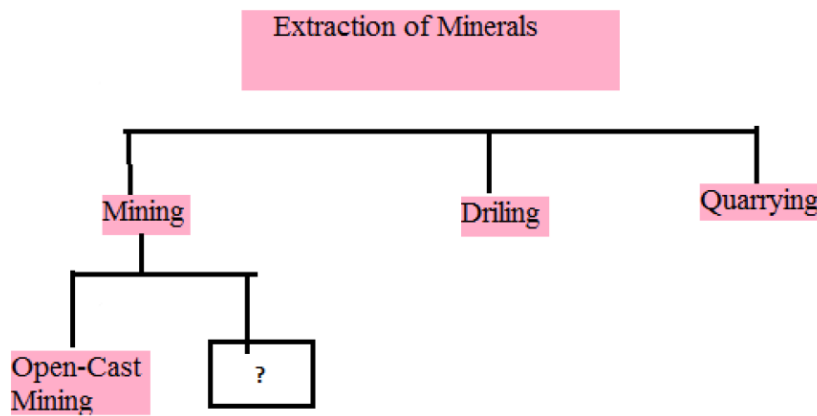
Which of the following was a major decision taken at this durbar?

- A. To shift the capital of India from Calcutta to Delhi
 B. To design New Delhi by Edward Lutyens and Herbert Baker
 C. To shift the capital of India from Calcutta to Bombay
 D. Divide the India into two countries India and Pakistan

12. Which of the following is raw material for agro-based industry?

- A. Wood B. Cotton and leather C. Silk and leather D. Iron and Aluminum ore

13. Which mining practice is missing from the flow chart given below?



- A. Close-cast B. Exploration C. Drilling D. Shaft

14. . The British believed that Indian society had to be reformed. Various Laws were passed to promote reforms.

Which of the reforms were not promoted by the British in 19th century?

- A. Ban the practice of Sati B. Ban the remarriage of widows
 C. Law of Christianity conversion D. Promotion of English-language education

15. Who discovered South America?

- A. Ferdinand Magellan B. Vasco-da-Gama C. Sir Francis Drake D. Christopher Columbus

16. "75% of earth's surface is covered with water still there is scarcity of drinking water. Most of the water is not fit for drinking as it is saline."

The sources of saline water on Earth are -

- A. Ocean B. River C. Freshwater lakes D. Ground water

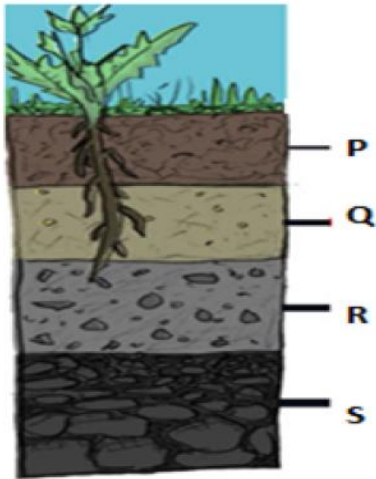
17. The Revolt of 1857 was one of the first wars of Indian independence against the British. This revolt

can be termed the first war of Indian independence against the British. Kings, peasants, tribals, landlords and sepoys, all were dissatisfied with the British rule.

The soldier who was hanged to death for attacking his officer in Barrackpore Cantonment was.

- A. Bhagat Singh B. Mangal Pandey C. Kanwar Singh D. Bakht Khan

18. Which of the marked soil layers is richest in minerals?



- A. P B. Q C. R D. S

19. How many houses are there in the Parliament of India?

- A. 2 B. 3 C. 6 D. 7

20. Which of these is not an original resource?

- A. Coal B. Uranium C. Petrol D. Wind energy