

KENDRIYA VIDYALAYA SANGATHAN (LUCKNOW REGION)

LEARNER ACHIEVEMENT TEST -2022

CLASS VIII- ENGLISH

TIME: 25 min

M.M:25

NAME: _____ CLASS & SEC _____ ROLL _____ DATE: _____

INSTRUCTIONS:



1. All questions are 'Multiple Choice Questions'.
2. All questions are compulsory.
3. Only one option is correct.
4. Only tick mark (✓) the correct answer in the box given.
5. Each question carries 01 mark.

Instructions for Questions 1-9 : Choose the most suitable option on the basis of the advertisement given below.

Are you always busy?
Is your schedule hectic?
Do you sometimes forget to take time to eat?

If you answered "yes" to any of these questions, then you need

QUICKEATS
HEALTHY EATING THAT FITS YOUR DAILY ROUTINE.



Vacuum-sealed meals for people on the go!
Nutritious, low-sugar, low-fat, well-balanced meals in a convenient pouch!
They don't spoil!


Are you in the mood for a hot meal? Or do you prefer a cold dish instead?
Hot or cold, **Quickeats** are delicious, and the tantalizing aroma will have you believing you are eating a home-cooked meal. A variety of meals is already available at leading grocery stores in your area.

Try our **Red Hot Quickeats!**
(Heat in a microwave for 3 minutes.)
Stew with Garden Vegetables
Barbecued Chicken and Rice
Creamy Ham and Noodles

Choose one of our **Cool Blue Quickeats!**
(Refrigerate for extra coldness, if desired.)
Yogurt with Dried Fruit and Nuts
Vegetables and Pasta Salad
Tuna Salad and Whole Wheat Crackers

Quickeats are reasonably priced and ready to eat. Take the coupon below to a participating store to receive a free Red Hot or Cool Blue container that will fit neatly in your backpack, briefcase, or shoulder bag, and keep your **Quickeats** meal hot or cold until you're ready to eat it. Each container holds up to 4 **Quickeats**.

If you have questions or suggestions, please contact our national office:
Neavest Inc., P.O. Box 90210, Lexinet, VA
or call 1-888-293-3151

 **One FREE container for Quickeats with the purchase of one Quickeats meal.**

1. Quickeats fits our daily routine because _____.

- A. It is nutritious easy to carry and eat
- B. It is fresh and stomach filling
- C. It is homemade food
- D. It can be heated quickly in an oven

2. The incentive with the purchase of Quickeats is _____.

- A. It is at a very reasonable cost
- B. It is found in leading grocery stores
- C. There is a free container with buy of each Quickeat meal
- D. It is vacuum sealed meals

3. Hot meals have to be _____.

- A. eaten after frying in a pan
- B. eaten after heating in microwave for 3 minutes
- C. eaten after roasting in a pan
- D. eaten direct from the pouch

4. When we are hungry even the street food looks so _____.

- A. barbecued
- B. aromatic
- C. backpack
- D. tantalizing

5. Quickeats is good for those _____.

- A. who have to look after some big business
- B. who are unmarried and avoid cooking
- C. who are fond of throwing parties
- D. who are busy and have a hectic schedule

6. Which statement below is not a feature of Quickeats?

- A. Hot and cold meals are provided by Quickeats.
- B. The food is scrumptious and tempting.
- C. The grocery stores supply a variety of Quickeats meals.
- D. The Quickeats meals give you a hotel-like meal feel.

7. 'Quickeats are reasonably priced and ready to eat'. Find the statement that best suits the description.

- A. Quickeats offers priceless and readymade food.
- B. Quickeats offers expensive but ready to eat food.
- C. Quickeats offers uncooked food at reasonable price.
- D. Quickeats offers pocket-friendly and precooked food.

8. The Red Hot or Cool Blue container can hold up to _____.

- A. One kilogram of Quickeats meal
- B. Four packets of free Quickeats meal
- C. Four vacuum- sealed precooked Quickeats meal
- D. One packet of free Quickeats precooked meal

9. Quikeats claims to offer delicious mouth-watering meals that will increase your _____

- A. apeteite
- B. apytite
- C. appetite
- D. appetite

Instructions for Questions 10-25: There are two passages in this section. Answer the questions on the basis of the passages.

Destiny is not a matter of chance; it is a matter of choice. It is not a thing to be waited for, it is a thing to be achieved. Helen Keller, the lady who was unable to see and hear, became the advisor to the American foundation and she is known all over the world for her labour, on behalf of the blind and the deaf. Our very own Dr. Abdul Kalam who was a great scientist, was not from a rich family but he made his own way and today he is known as one of the most successful Presidents of India. It has been truly said- 'Every man is the architect of his own destiny'. It is the man's hard work that takes him towards the destination. Man should not blindly believe his stars and depend on his luck. A little boy, born in an ordinary family, who became the victim of the caste value, is today known as the father of the Indian Constitution -Dr. B. R.R. Ambedkar. What really matters is what we make of ourselves. If we have strong determination, there is nothing in this world that can stop us from achieving our goals. 'You are never a loser unless you quit trying'.

Read the passage and answer the questions with the most suitable answer.

10. The eminent person who made the constitution was _____.

- A. Dr Abdul Kalam
- B. Dr B.R.Ambedkar
- C. Mahatma Gandhi
- D. Helen Keller

11. If STAY: QUIT then ACHIEVE: _____

- A. LOSE
- B. GAIN
- C. GIVE
- D. TAKE

12. Choose the correct comparative and superlative of 'successful'.

- A. More successful & most successful
- B. Very successful & successfully
- C. Successfully & more successful
- D. Much successful & successfully

13. The secret behind the success of the eminent personalities is _____

- A. Destiny and luck.
- B. Determination and hard work.
- C. Labour and luck.
- D. Belief in stars and luck.

14. What made Helen Keller famous?

- A. Her deafness and blindness.
- B. Her post in the American foundation.
- C. Her hard work and success.
- D. Her success on being the advisor.

15. What was the adverse situation in which Dr. B.R. Ambedkar grew up?

- A. He was born in an ordinary family.
- B. He is known as the father of Indian Constitution.
- C. He blindly believed in the stars and his luck.
- D. He was a victim of the caste system.

16. According to the passage 'Losers are those people who _____'

- A. do not succeed.
- B. do not achieve their goals.
- C. do not have luck.
- D. do not even try.

17. 'Every man is an architect of his own destiny'. 'Architect' stands for _____

- A. One who draws drawings.
- B. One who plans and designs.
- C. One who writes articles.
- D. One who tries luck.

18. Choose the most appropriate heading for the passage.

- A. Hard work is the Key to Success
- B. Honesty is the Best Policy
- C. Destiny leads to Destination
- D. Importance of Luck

THE FOUR FS OF CHANGE

We attend a seminar and vow to transform our lives. We say we'll be better parents, leaders and human beings. Two days later, it's back to business as usual - seeing the negative, playing the victim and being cranky. The learning didn't work. Because we didn't change.

I have identified four main reasons why people resist change.

Fear - People fear leaving their safe harbour of the known and venturing off into the unknown.

Human beings crave certainty even when it keeps them small. The key here is to manage your fear by doing the very thing that frightens you. And behind every fear wall lives a precious treasure.

Failure - No one wants to fail. So many of us don't even try. In my mind, the only failure in life is the failure to try. And I deeply believe that the greatest risk you can ever take is not taking risks.

Forgetting - Sure we leave the seminar room after an inspirational workshop ready to change the world. But then we get to the office the next day and reality sets in. No time to act on the commitments we made for personal and professional leadership. So, we forget them. Here's a key to success: keep your commitments top of mind. Keep your self-promises front and centre. Don't forget them. You know my "3 Step Success Formula" by now: awareness precedes choice which precedes change. With better awareness you will make better choices.

Faith - Too many people have no faith. They are cynical. "This leadership training and personal development stuff doesn't work." Or "I'm too old to change." Cynicism stems from disappointment. Cynical and faithless people were not always like that. But they tried and perhaps failed. Rather than staying on the game, recognizing that failure is the highway to success, they shut down and grew cynical. Their way to avoid getting hurt again.

So, there you go, the "4 Fs" of why we resist transformation and playing our best game. Understand them and you can then manage and overcome them. Because awareness really does precede greatness.

Robin Sharma

Read the passage and answer the questions with the most suitable answer.

19. The passage emphasises on the need to _____ in order to transform our lives.

- A. promise
- B. change
- C. fear
- D. choose

20. 'To be in a safe harbour' here means _____.

- A. to be in a comfortable zone without facing challenges
- B. to be in a place that offers protection from weather
- C. to be in a safe place near the harbour
- D. to be in a place where no one can reach or disturb

21. The key to manage your fear is to _____.

- A. be certain about what you are doing
- B. see the treasure behind the fear wall
- C. Do the thing that frightens you
- D. Avoid doing what fears you

22. Which of the statements given correctly defines cynical people?

- A. They are people who believe that they have grown very old.
- B. They are people who cheat and are dishonest with others.
- C. They are people who have failed a lot many times in their life.
- D. They are people who believe that most people are insincere and dishonest.

23. What is the Success Formula according to Robin Sharma?

- A. Having commitment and leadership.
- B. Focussing on personal development and self-success.
- C. Awareness followed by commitment and choice, further followed by change.
- D. Attending seminars and inspirational workshops.

24. The antonym of the word 'PRECEDE' is _____ .

- A. Go before
- B. Go after
- C. Go with
- D. Go along

25. After attending an inspirational workshop learning do not work because _____.

- A. we are not attentive
- B. of lack of motivation
- C. we do not change
- D. we are happy with whatever we are

TIME: 25 minutes

M.M : 25

NAME: _____ CLASS & SEC : _____ ROLL No. : _____

INSTRUCTIONS:

1. सभी प्रश्न बहुविकल्पीय हैं | All questions are 'Multiple Choice Questions'.
2. केवल एक विकल्प ही सही है | Only one option is correct.
3. चुने गए विकल्प के सामने बॉक्स में सही का निशान (\checkmark) लगाएँ |
Tick mark (\checkmark) the box in front of selected option.
4. सभी प्रश्न अनिवार्य हैं | All questions are compulsory.
5. प्रत्येक प्रश्न 01 अंक का है | Each question carry 01 mark.

SUBJECT: MATHEMATICS

1. 'If 15 is subtracted from a number the result is -10 '.

This statement in the form of an equation is _____.

- | | |
|-------------------|--------------------------|
| A. $x + 15 = -10$ | <input type="checkbox"/> |
| B. $x + 15 = 10$ | <input type="checkbox"/> |
| C. $x - 15 = -10$ | <input type="checkbox"/> |
| D. $15 - x = -10$ | <input type="checkbox"/> |

2. The solution of an equation $\frac{5}{x} = 2$ is _____.

- | | |
|-------------------|--------------------------|
| A. 10 | <input type="checkbox"/> |
| B. $\frac{5}{2}$ | <input type="checkbox"/> |
| C. $\frac{2}{5}$ | <input type="checkbox"/> |
| D. $\frac{1}{10}$ | <input type="checkbox"/> |

3. Choose a linear equation in one variable from the following equations.

- | | |
|----------------------|--------------------------|
| A. $9x + y = 0$ | <input type="checkbox"/> |
| B. $x + 5 = z$ | <input type="checkbox"/> |
| C. $x + 2z + 3 = 2z$ | <input type="checkbox"/> |
| D. $x + 5 = x - 7$ | <input type="checkbox"/> |

4. The rational number which is equal to its negative is_____.

A. 0

B. - 1

C. 1

D. $\frac{1}{2}$

5. Types of quadrilaterals that can be formed with the sides 2cm, 3cm, 3cm and 2cm are_____.

A. Parallelogram, Trapezium, Square

B. Parallelogram, Rectangle, Rhombus

C. Rectangle, Kite , Square

D. Rectangle, Kite , Parallelogram

6. The number of sides of a regular polygon whose each exterior angles is 45° is _____.

A. 4

B. 6

C. 8

D. 10

7. A die is rolled once. Find the probability of getting an even number.

A. $\frac{2}{6}$

B. $\frac{1}{2}$

C. $\frac{1}{6}$

D. $\frac{1}{4}$

8. For any polyhedron, Euler's formula is_____.

A. $F+V -E = 2$

B. $F+V+E = 2$

C. $F-V+E = 2$

D. $F-V-E = 2$

9. The number of digits in the square root of a 7 digit number is _____.

A. 6

B. 4

C. 2

D. 3

10. The square root of 0.0016 is equals to _____.

A. 0.004

B. 0.0004

C. 0.4

D. 0.04

11. Cube root of (-1331) is _____.

A. 11

B. 21

C. - 11

D. - 21

12. The area of a rectangle is ' pq ' square units where ' p ' is the length and ' q ' is the breadth. If the length of the rectangle is increased by 7 and the breadth is decreased by 4 units, the new area of rectangle will be _____.

A. $(p+7)(q-4)$

B. $(p-q)(p+4)$

C. $pq+35$

D. $(pq+7)-4$

13. The ratio 4:25 converted to percentage is _____.

A. 8 %

B. 4 %

C. 16 %

D. 25 %

14. A toy marked at Rs 40 is available for Rs 32. Percentage discount given on the marked price is _____.

A. 10 %

B. 25 %

C. 40 %

D. 20 %

15. If a number 9800y3 is divisible by 11, then value of y will be _____.

A. 0

B. 2

C. 1

D. 3

16. There are 200 students in a hostel. Food provision for them lasts for 25 days. If 50 more students join the hostel, the food will last for _____ days.

- A. 20
- B. 25
- C. 10
- D. 15

17. Which of the following is not equal to 5?

- A. 2 % of 250
- B. One fifth of 25
- C. 0.05×10^2
- D. 500×10^{-3}

18. Find the value of x for the equation $2^{3x} \div 2^{x-3} = \frac{1}{2^{-5}}$.

- A. 1
- B. 4
- C. 3
- D. 2

19. Ram deposited Rs 8000 on simple interest and Mohan deposited same amount on compound interest compounding annually. Rate of interest was same for both of them. At the end of one year who will get more interest?

- A. Ram will get more interest
- B. Both will get equal interest
- C. Mohan will get more interest
- D. Cannot be determined

20. $100^0 + 20^0 + 5^0$ is equal to_____.

- A. 25
- B. 125
- C. 1
- D. 3

21. Volume of a cube of side $2a$ is _____.

- A. $2a^3$
- B. $8a$
- C. $8a^3$
- D. $8a^2$

22. If the perimeter of a square is 80 cm, then area of square will be_____.

A. 400cm^2

B. 400 cm

C. 6400cm^2

D. 6400 cm

23. If $x - y = 4$ and $xy = 5$ then value of $x^2 + y^2$ is _____.

A. -6

B. 26

C. 14

D. 6

24. The product of $(x - 1)(x - 2)$ is _____.

A. $x^2 + 2x - 2$

B. $x^2 + 2x - 3$

C. $x^2 - 3x - 2$

D. $x^2 - 3x + 2$

25. A cylinder has height equal to double of its radius r . Total surface area of the cylinder is_____.

A. $3\pi r^2$

B. $5\pi r^2$

C. $6\pi r^2$

D. $4\pi r^2$

LEARNER ATTAINMENT TEST (LAT)-2022

LEVEL VIII

SUBJECT: SOCIAL SCIENCE

TIME: 25 minutes

M.M : 25

NAME: -.....

CLASS & SEC:-.....

ROLL NO.:-.....

DATE:-.....

Instructions:-

- 1:- All questions are Multiple Choice Questions.
- 2:-All questions are compulsory.
- 3:-Only one option is correct.
- 4:-Only tick mark (√) the correct option in the given box.
- 5:-Each question carries one(01) mark.

1:-In the given map Manikaran is a place known for geothermal energy. In which state of India Manikaran is located.



- A- Jammu And Kashmir
- B- Himanchal Pradesh
- C- Uttrakhand
- D- Ladakh

2:-Identify the Conventional source of energy?

- A- Solar Energy
- B- Wind Energy
- C- Nuclear Energy
- D- Coal

3:-Which is forest based industry?

- A- Paper industry
- B- Sugar industry
- C- Cement industry

D- Leather industry

4:-Number of people living in per square km.of area is called.....

A- Population Distribution

B- Population Size

C- Population Growth

D- Population Density

5:-Which of the following is the method of soil conservation?

A-Deforestation

B- Overgrazing

C- Contour Ploughing

D- Over use of fertilizers

6:-Which is the Non-metallic mineral?

A- Lime

B- Gold

C- Iron

D- Copper

7:-Which out of these is secondary activity?

A- Fishing

B- Shipbuilding

C- Teaching

D- Banking

8:-Which one is a beverage crop?

A- Cotton

B- Indigo

C- Coffee

D- Maize

9: -Which is a Private sector Industry?

A- TCS

B- BSNL

C- ONGC

D- NTPC

10:-Vasco Da Gama, the Portuguese explorer discovered the Sea-route to India in:

A- 1492

B- 1497

C- 1493

D- 1498

11:-Which issue is not related to women during British India?

- A- Sati System
- B- Untouchability
- C- Child marriage
- D- Widow remarriage

12-Shantiniketan was founded by -----

- A- Mahatma Gandhi
- B- Swami Vivekananda
- C- Rabindranath Tagore
- D- Swami Dayananda Saraswati

13-Which was an outcome of battle of Plassey?

- A- British Power was established over Delhi
- B- British Power was established over Punjab.
- C- British Power was established over South India.
- D- British Power was established over Bengal.

14:-Under the Doctrine of Lapse introduced by Lord Dalhousie, The Indian Rulers:

- A- Were not allowed to go out of their states.
- B- Could not have relations with foreign powers.
- C- Were not allowed to adopt an heir to the throne.
- D- Could not keep an army.

15:-The Champaran movement was against:

- A- Industrialization
- B- Synthetic dyes
- C- Indigo plantation
- D- Salt law

16:- Which problem was not faced by newly independent India?

- A- Problem related to refugee
- B- Problem related with princely state
- C- Adoption of new Political system
- D- Struggle against colonial power

17:-Universal Adult Franchise is.....

- A- Right to vote to all adults
- B- Right to vote to all rich adults
- C- Right to vote to all males
- D- Right to vote to all females

18:-There is no official religion of state and each individual is free to follow any religion of his/her choice is known as.....

- A- Sovereignty
- B- Secularism
- C- Division of power
-

D- Federalism

19:-Who is the head of Indian state. ?

- A- Prime Minister
- B- Parliament
- C- President
- D- Supreme Court

20:- “Sulabh International” is a non-governmental organisation. It provides its services in the field of-----.

- A- Electricity supply
- B- Sanitation
- C- Road safety
- D- Water supply

21:-Who represents the accused in the trial proceedings in the court?

- A- Police
- B- Judge
- C- Public Prosecutor
- D- Defence lawyer

22:- -----is responsible for making laws in India.

- A- Legislative
- B- Executive
- C- Ministers
- D- Judiciary

23: -Who elects the members of Lok Sabha in our country?

- A- Members of state legislatures
- B- Government employee
- C- All adults citizens
- D- Army and paramilitary forces

24:-Which is apex court in our country?

- A- High court
- B- District court
- C- Local Court
- D- Supreme court

25:-Child labour is banned under....

- A- Right to equality
- B- Right against exploitation
- C- Right to Freedom
- D- Right to Religious freedom

केंद्रीय विद्यालय संगठन
KENDRIYA VIDYALAYA SANGATHAN
Learner Achievement Test -2022
Level- VIII

TIME: 25 min

M.M: 25

NAME: _____ CLASS & SEC _____

ROLL No: _____ DATE: _____

INSTRUCTIONS:

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- iii. Only one option is correct.
- iv. Only tick mark (✓) the correct answer in the box .
- v. Each questions carries 01 mark

Q.1. The given below is a Rabi crop

- | | | | |
|----------|--------------------------|-----------|--------------------------|
| A. Wheat | <input type="checkbox"/> | C. Maize | <input type="checkbox"/> |
| B. Paddy | <input type="checkbox"/> | D. Cotton | <input type="checkbox"/> |

Q.2. Paheli dug two pits, A and B, in her garden. In pit A, she put a polythene bag packed with some agricultural waste. In pit B, she dumped the same kind of waste but without packing it in a polythene bag. She, then covered both the pits with soil. What did she observe after a month?

- | | |
|---|--------------------------|
| A. Waste in pit A degraded faster than that in pit B. | <input type="checkbox"/> |
| B. Waste in pit B degraded faster than that in pit A. | <input type="checkbox"/> |
| C. Waste in both pits degraded almost equally. | <input type="checkbox"/> |
| D. Waste in both pits did not degrade at all. | <input type="checkbox"/> |

Q.3. The human body undergoes several changes during adolescence. These changes mark the onset of

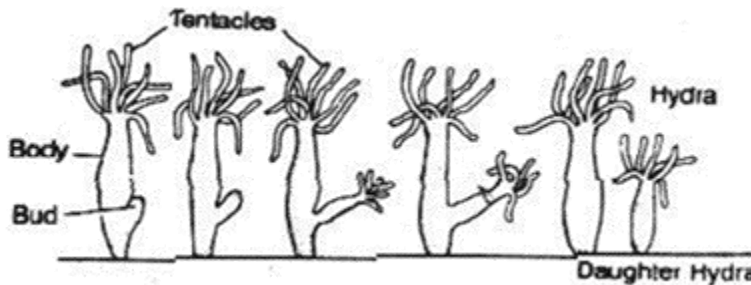
- | | | | |
|----------------|--------------------------|---------------------|--------------------------|
| A. Puberty | <input type="checkbox"/> | C. Post adolescence | <input type="checkbox"/> |
| B. Prematurity | <input type="checkbox"/> | D. Ageing | <input type="checkbox"/> |

Q.4. Identify the organism shown in picture



- | | | | |
|-----------------|----------------------|---------------------|----------------------|
| A. Spirogyra | <input type="text"/> | C. Malaria Parasite | <input type="text"/> |
| B. Corona Virus | <input type="text"/> | D. Typhoid Bacteria | <input type="text"/> |

Q.5. In the picture hydra is reproduces by



- | | | | |
|---------------------|----------------------|-------------------|----------------------|
| A. Fragmentation | <input type="text"/> | C. Binary Fission | <input type="text"/> |
| B. Gamete formation | <input type="text"/> | D. Budding | <input type="text"/> |

Q.6. When a sperm containing Y chromosome fertilizes an egg with X chromosome, the zygote develops into a _____ child

- | | | | |
|----------------------------|----------------------|-------------|----------------------|
| A. Female | <input type="text"/> | C. Male | <input type="text"/> |
| B. Either a male or female | <input type="text"/> | D. No child | <input type="text"/> |

Q.7. The apparatus shown in figure is used in agriculture for:



A. Threshing

C. Tilling

B. Winnowing

D. Watering

Q.8. Read the following statement carefully and identify X, Y and Z respectively:

(i) X is stored under kerosene

(ii) Y catches fire on exposure and stored in water

(iii) Z reacts with steam

A. Sodium, Magnesium, Copper

C. Copper, Zinc, Potassium

B. Sodium, Phosphorus, Iron

D. Zinc, Copper, Sodium

Q.9. Which is likely to affect Taj Mahal in Agra to a greater extent is

A. Acid Rain

C. Soil pollution

B. Global Warming

D. Noise pollution

Q.10. The material which is commonly used for making kitchen containers is

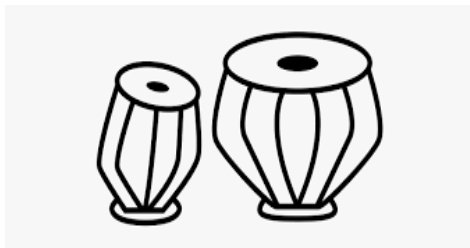
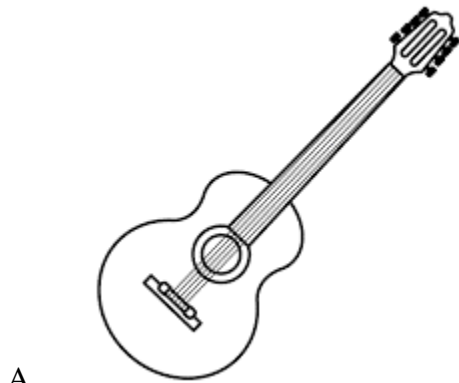
A. PVC

C. Teflon

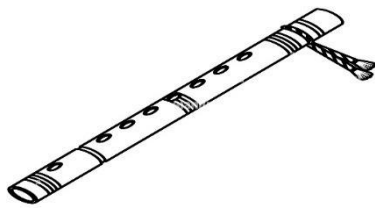
B. Acrylic

D. PET

Q.11. In which musical instrument, sound is produced by vibration of string:



B.



C.



D.

Q.12. 'A' and 'B' are the two astronauts. When they are at the Moon surface, they are unable to talk like on earth. What will be the most appropriate reason for this?

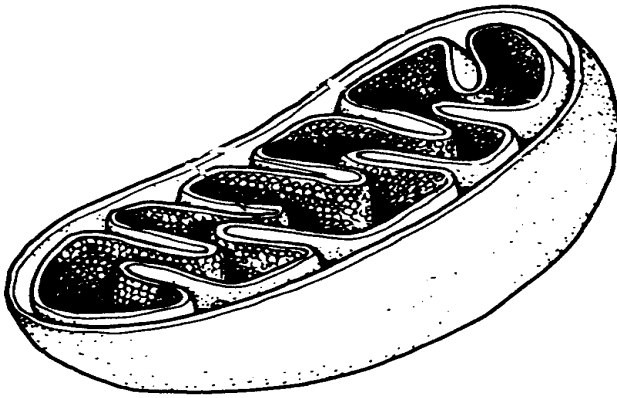
A. Sound waves cannot travel in vacuum.

B. Sound waves can travel in vacuum.

C. Moon's environment contain heavy gases.

D. Sound waves travel slowly on Moon.

Q.13. What is the popular name of the cell organelle shown in the figure below? -



A. Power house of cell

C. Covering of cell

B. Suicidal Bags

D. Command center of cell

Q.14. Which gas is evolved from this apparatus shown in the below figure: -



A. Carbon di- oxide

C. Oxygen

B. Sulphur di- oxide

D. Nitrogen

Q.15. Dolly the famous animal was a

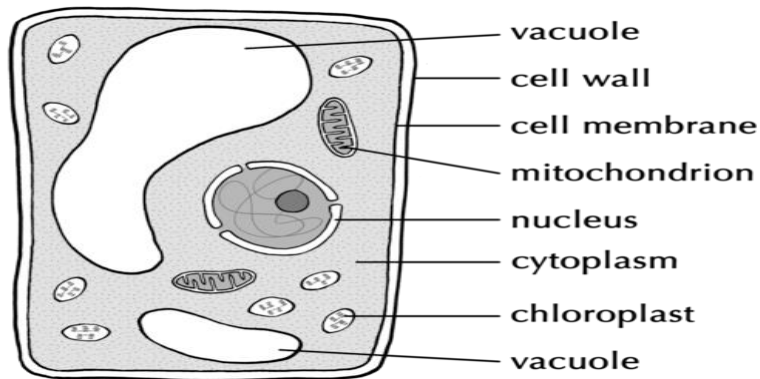
A. Donkey

C. Cloned Sheep

B. Girl

D. Normal Sheep

Q.16. Identify the type of cell shown in picture:



A. Animal Cell

C. Prokaryotic Cell

B. Plant Cell

D. Primitive animal Cell

Q.17. A ball rolling on the ground slows down and finally stops. This is because of

A. Thrust

C. Friction

B. Less force applied

D. Pressure

Q.18. A boat or an Aeroplan has a pointed or tapering front / head. Why?

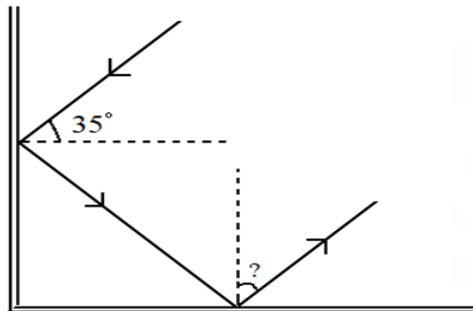
A. To increase the drag friction of fluid

B. To reduce the drag friction of fluid

C. To look good

D. For no reason

Q.19. Two mirrors meet at right angles. A ray of light is incident on one at an angle of 35° as shown in figure. The reflected ray from the second mirror will form an angle of reflection equal to



A. 55°

C. 45°

B. 35°

D. 25°

Q.20. A gun is fired in the air at a distance of 680 m from a person. He hears the sound of the gun after 2 seconds. Calculate the speed of sound.

A. 1360 m/sec

C. 340 m/sec

B. 680 m/sec

D. 170 m/sec

Q.21. This planet is called a morning and evening star.

A. Mars

C. Jupiter

B. Saturn

D. Venus.

Q.22. This gas is responsible for depletion of ozone layer which protect us from harmful UV radiations:

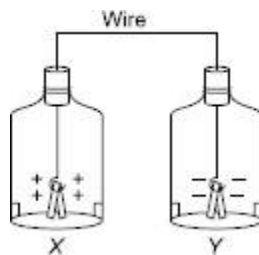
A. Nitrogen

C. Nitrogen Oxide

B. Oxygen

D. Chlorofluorocarbons

Q.23. Two electroscopes, one positively charged (X) and other negatively charged (Y) are connected with a copper wire as shown in figure. Which of the following will happen?



A. Negative charge will move from X to Y.

B. Positive charge will move from X to Y.

C. Negative charge will move from Y to X.

D. Positive charge will move from Y to X.

Q.24. A group of stars which seem to form a definite pattern

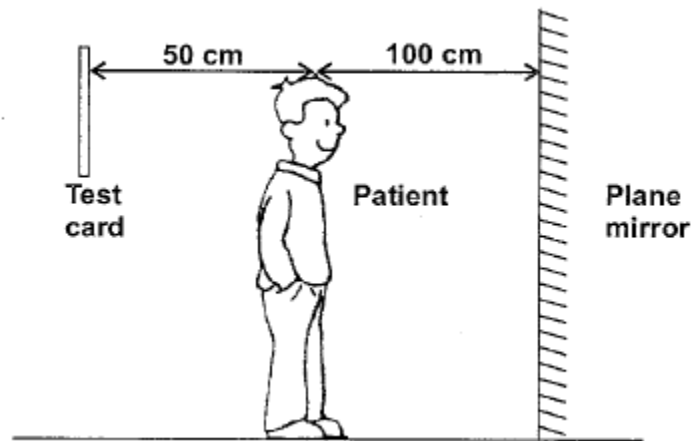
A. Nebulae

C. Asteroid

B. Galaxy

D. Constellation

Q.25. An optician holds a test card 50 cm behind a patient. The patient then looks in the plane mirror which is 100 cm away. How far away from the patient's eye is the image of the test card?



A. 100 cm

C. 200 cm

B. 150 cm

D. 250 cm