

**KENDRIYA VIDYALAYA SANGATHAN, AGRA REGION**

**SEE - II-TERM SAMPLE PAPER EXAM (2021-22)**

**CLASS-VIII SCIENCE**

**Max. Marks:40**

**Time allowed: 90 mins.**

**General Instructions:**

**i) All questions are compulsory.**

**ii) The question paper has four sections. All questions are compulsory.**

**SECTION A      OBSERVATION AND REPORTING**

Q1-When a sperm having X-chromosome fuses with the ovum, the child born will be 1 M

(a) male

(b) female

(c) male as well as female twin

(d) it depends on the chance of fusion

Q2-Children gain height during 1M

(a) adolescence

(b) endocrine

(c) balanced food

(d) menarche

Q3-Force acting on per unit area is called 1M

(a) non-contact forces

(b) contact forces

(c) force

(d) pressure

Q4-Whenever the surfaces in contact tend to move or move with respect to each other, the force of friction comes into play 1M

(a) only if the objects are solid.

(b) only if one of the two objects is liquid.

(c) only if one of the two objects is gaseous.

(d) irrespective of whether the objects are solid, liquid or gaseous.

Q5-To sharpen the blade of a knife by rubbing it against a surface, which of the following will be most suitable? 1M

(a) Stone

(b) Plastic block

(c) Wooden block

(d) Glass block

Q6- Voice of which of the following is likely to have a minimum frequency? 1M

(a) Baby girl

(b) Baby boy

(c) A man

(d) A woman

Q7- The angle of incidence is equal to the angle of reflection.

(a) Always

(b) Sometimes

- (c) Under special conditions
- (d) Never

Q8-Beam of light striking the reflecting surface is called

1M

- (a) reflecting ray
- (b) incident ray
- (c) refracted ray
- (d) normal ray

Q9-Which of the following does not belong to the family of our solar system?

1M

- (a) Stars
- (b) Satellites
- (c) Meteors
- (d) Comet

Q10-What radiations are absorbed by CO<sub>2</sub>?

1M

- (a) Ultrared radiations
- (b) Infrared radiations
- (c) Ultraviolet radiations
- (d) None of these

**SECTION B**

**IDENTIFICATION AND CLASSIFICATION**

- Q11-Name a gland which transports secretions through ducts. 1M
- Q12-Which element is used at the back of plane mirror? 1M
- Q13 – What is electroplating? Which metals, except chromium, are used for electroplating other metals? 2M
- Q 14 - How does the friction depend on the nature of the surface? 2M
- Q15 - What are the differences between pure water and polluted water? 4M

**SECTION C                      DISCOVERY OF FACTS**

- Q16 - Name the planet nearest to the Sun. 1M
- Q17- What is the full form of - CNG and LPG? 1M
- Q18- Two thermocol balls held close to each other move away from each other. When they are released, name the force which might be responsible for this phenomenon. Explain. 2M
- Q19 - A string musical instrument was first plucked with a force of smaller magnitude and then with a force of greater magnitude. In which case would the instrument produce a louder sound?  
Name two musical instrument having strings to produce sound. 2M
- Q20- What are constellations? Name two major constellations. How will you locate pole star with the help of a constellation ? 4M

**SECTION D                      APPLICATION AND SKILL**

- Q21- Show accumulation of charges leading to lightning with the help of diagram. 2M

Q22- Your parents are going to buy a house. They have been offered one on the roadside and another three lanes away from the roadside. Which house would you suggest your parents should buy? Explain your answer. 2M

Q23- List three states in India where earthquakes are more likely to strike 2M

Q24 - Draw a labelled sketch of human eye . 4M

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