



VIVEK TUTORIALS

VIII (New) (English)

(Special Test)

General Science-(17)

DATE: 23-02-19

TIME: 50 Mins

MARKS: 30

SEAT NO:

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- Q.1 Fill in the blank and rewrite the completed statements 2
- 1 Plastic shows property, hence it can be molded to any shape.
 - 2 glass is used in pharmaceutical industry to store the medicines.
- Q.2 Find the odd one out 2
- 1 Plastic plates, Plastic bowls, Electrical switches, Plastic comb.
 - 2 Plastic, Thermocol, Glass, Paper.
- Q.3 Find co-related terms 2
- 1 Artificial teeth: Polyacrylic:: Vehicles coating:
 - 2 Textile industry:: Parts of airplane engine: Melamine
- Q.4 Find out the difference between the following 2
- 1 Thermoplastic and Thermosetting plastic
 - 2 Man-made materials and Natural materials
- Q.5 State True or False 2
- 1 Ferrous oxide is used to get red glass.
 - 2 Melamine is used for making cabinets of radio, TV, etc.
- Q.6 Name the following 2
- 1 A material formed from mixture of silica and silicate.
 - 2 Select the articles from the following list which are biodegradable.
Paper, Woollen clothes, Wood, Aluminium can, Plastic bag, Peels of vegetables.
- Q.7 Answer in one sentence 2
- 1 Thermocol is produced from which material ?
 - 2 Thermoplastic
- Q.8 Write Short Notes 4
- 1 Optic Glass
 - 2 State uses of plastic.
- Q.9 Write properties, uses, inferences, important factors, examples 2
- 1 Name any two types of Thermoplastic and state its uses.
- Q.10 Give scientific reasons 2
- 1 Domestically useful items are replaced by plastic.

Q.11 Answer the following

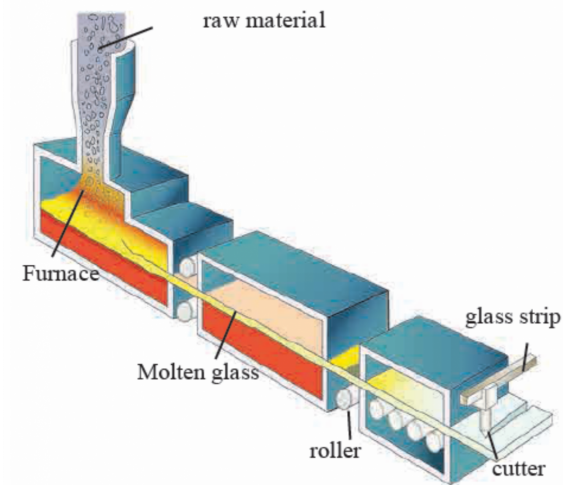
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1 How is plastic produced ?

Q.12 Draw a well labeled diagram and explain.

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1. Name the raw materials used in the preparation of glass.
2. What is added to lower the temperature of the mixture in the preparation of glass?
3. In the final stages of glass preparation, at what temperature is the mixture heated and cooled immediately?
4. The density of the glass depends on what factor?
5. Which type of a glass is fiber glass?