

KENDRIYA VIDYALAYA, NDA

Periodic Test –1 (2018) SET-1

Class: VIII

SUBJECT: SCIENCE

Max. Marks: 40

SECTION A (1 X 5 =5)

- Q1 Name two soft metals which can be cut with a knife
- Q2 List the conditions under which combustion can take place
- Q3 Write any one use of metal and non metal
- Q4 Write any two advantages of manure
- Q5 Draw Bread Mould

SECTION B (2 X 5 = 10)

- Q6 Make a labeled diagram of candle flame
- Q7 Describe characteristics and uses of coke
- Q8 Differences between exhaustible and inexhaustible resources
- Q9 Classify the following into friendly and harmful microorganisms; Yeast, malarial parasite, lactobacillus, bread mould, rhizobium, bacillus anthraxis
- Q10 Define the following terms Ductility and Malleability

SECTION C (3 X 5 = 15)

- Q12 Explain the difference between thermoplastic and thermosetting plastics
- Q13 A lady went to the market to buy a blanket the shopkeeper showed her blankets made of acrylics fibres as well as made of wool she preferred acrylic blanket why ?
- Q14 If wheat is sown in Kharif what would happen? Explain
- Q15 What is a fuel? Write 2 characterstics of a good fuel
- Q16 What is fermentation? Write any two commercial uses of fermentation?

Section D (5 x 2 = 10)

- Q17 What is petroleum? Explain how it is formed with the help of diagram
- Q18 What are inflammable substances. Write 2 examples .Explain how CO₂ is able to control fires.

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Section A (1x5=5)

Q1 Name the unit in which the calorific value of fuel is expressed

Q2 Give reasons why Sodium is stored in kerosene

Q3 Terrycot is made by mixing 2 types of fibres write the names of the fibres

Q4 What is meant by communicable diseases?

Q5 What are weedicides ? give one example

Section B (1x2=2)

Q6 Define the terms.

1. Ignition Temperature
2. Petrochemical

Q7 Define harvesting and winnowing

Q8 What are antibiotics? Who discovered penicillin?

Q9 Compare LPG and wood

Q10 Describe how coal is formed from dead vegetation? What is the process called ?

Section C (3 x 5=15)

Q11 Define combustion Explain the different types of combustion with examples

Q12 Differences between Manure and Fertilizers

Q13 Write the uses of : kerosene, paraffin wax, petrol

Q14 It is difficult to burn a heap of green leaves but dry leaves catch the fire easily . Explain

Q15 What happens when

- a. Dilute sulphuric acid is poured on copper plate.
- b. Iron nails are placed in copper sulphate solution

Section D (5x2=10)

Q16 What is irrigation? Name the various sources of irrigation? Explain two modern methods of irrigation

Q17 Define calorific value ? What is the unit of calorific value? Make a labeled diagram of a candle flame

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