

Model Question Paper
Chemistry in Action - Part V
12th Standard

Chemistry

Reg.No. :

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I. Answer all the questions.

II. Use Blue pen only.

Time : 01:00:00 Hrs

Total Marks : 40

4 x 1 = 4

Section-A

- 1) Monomers necessary to prepare terylene are
(a) Ethylene glycol and terephthalic acid (b) Ethylene glycol and phthalic acid (c) Glycerol and terephthalic acid (d) Glycerol and phthalic acid
- 2) The monomers necessary to prepare nylon are
(a) Hexamethylene tetramine and adipic acid (b) Hexamethylene diamine and adipic acid (c) Hexamethylene diamine and hexanoic acid
(d) Hexamethylene tetramine and hexanoic acid
- 3) The molecular formula of penicillin is
(a) $C_9H_{11}N_2O_4S - R$ (b) $C_{11}H_9N_4O_2S - R$ (c) $C_{11}H_9N_2O_4S - R$ (d) $C_9H_{11}N_4O_2S - R$
- 4) Antacids contain
(a) $Mg(OH)_2$ (b) $Al(OH)_3$ (c) both a and b (d) $HCOOH$

Section-B

5 x 3 = 15

- 5) In what way are antacids important?
- 6) What are chromophores? Give two examples.
- 7) What are artificial sweetening agents? Give two examples.
- 8) What is Dacron?
- 9) Write short note on (i) artificial sweetening agents and (ii) Antioxidants?

Section-C

4 x 5 = 20

- 10) Write the preparation, properties and uses of polyester.
- 11) Write the preparation, properties and uses of polyamide.
- 12) Write briefly on antibiotics. In what way antispasmodics are helpful?
- 13) a) Write a note on antioxidants.

(OR)

b) How are terylene and nylon 6, 6 prepared?
