

Model Question Paper
Chemistry in Action- Part IV

12th Standard

Chemistry

Reg.No. :

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I. Answer all the questions.

II. Use Blue pen only.

Time : 01:30:00 Hrs

Total Marks : 60

5 x 1 = 5

Part-A

- 1) Which one of the followings is not a characteristic of a dye?
(a) It should have a suitable colour (b) It should be fast to light (c) It should be resistant to action of chemicals (d) It should be easily washed away by water
- 2) An example for triphenylmethane dye is
(a) Alizarin (b) Indigo (c) Malachite green (d) Aniline yellow
- 3) A chemical substance which prevents the spoilage of food material by destroying the food-spoiling microorganisms is called
(a) Artificial sweetener (b) Antioxidant (c) Food preservative (d) Inhibitor
- 4) Sodium benzoate is used as a / an
(a) Sweetening agent (b) Antioxidant (c) Food preservative (d) Edible colourant
- 5) Potassium metabisulphite reacts with acid of fruits and process, which kills the microorganisms
(a) CO_2 (b) SO_2 (c) NO_2 (d) SiO_2

Part-B

4 x 3 = 12

- 6) Why don't we use CHCl_3 as an anaesthetic now?
- 7) What are antipyretics? Give an example
- 8) What are antacids? Give an example
- 9) What are the characteristics of a dye?

Part - C

2 x 5 = 10

- 10) a) What are the uses of dacron?
b) In what way antipyretics are important?
- 11) a) Write any two differences between chromophore and auxochromes.
b) How does potassium metabisulphite function as a food preservative?
- 12) Write a note on antioxidants.
- 13) How are terylene and nylon 6, 6 prepared?

Part - D

1 x 10 = 10

- 14) a) How is terylene prepared?
b) What are the uses of nylon - 66?
- 15) a) Write short note on synthetic rubbers.
b) Write the preparation, properties and uses of polyester.
- 16) a) Write the preparation, properties and uses of polyamide.
b) Write briefly on antibiotics. In what way antispasmodics are helpful?
