

Seat No.: **MARCH - 2022 (Summer session) Examination**

Subject Code: 81567

(विद्यार्थ्यांनी हा विषय कोड OMR वर लिहावा / Student should fill this code on OMR sheet)

Subject Name: Master Of Science (New CBCS)_81567_74457/81567 - Applied Organic Chemistry_08.08.2022_04.00 PM

Date: 08-08-2022

Time: 16:00:00 to 17:00:00

QP Code: 10130QP

Total Marks : 50 Each Question 2 Marks, Total 25 Ques, Duration 1 Hr

1. Question

Which functional groups present in musk ketone?

- a) Ketone c) Phenol
b) Nitro d) both a&b

a. A

b. B

c. C

d. D

2. Question

Musk zibata is used in perfume as----

- a) Perfumary compound b) fixative
c) stabilizer
d) All of these

a. A

b. B

c. C

d. D

3. Question

Which of the following is Organophosphorus pesticide?

- a) Carbofuran c) Zineb
b) Monocrotophos
d) Endosulphan

a. A

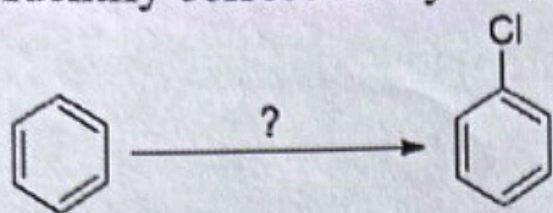
b. B

c. C

d. D

4. Question

Identify correct catalyst for the following transformation.



- a) Cl_2
- b) $\text{Cl}_2 + \text{AlCl}_3$
- c) $\text{Cl}_2 + \text{FeCl}_3$
- d) both b and c

- a. A
- c. C

- b. B
- d. D

5. Question

Dow process is used for the synthesis of ----

- a) Xylene
- b) styrene
- c) phenol
- d) resorcinol

- a. A
- c. C

- b. B
- d. D

6. Question

Which of following is an example of xanthene dye?

- a) methyl violet
- b) crystal violet
- c) fluorescein
- d) sun yellow

- a. A
- c. C

- b. B
- d. D

7. Question

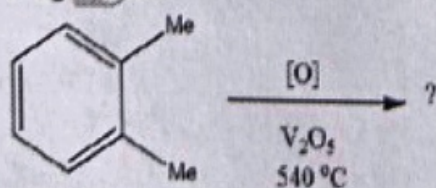
Who discovered Carbaryl pesticide?

- a) Daw chemicals
- b) Union carbon limited
- c) Union carbide
- d) Union phosphorous

- a. A
- c. C

- b. B
- d. D

8. Question



- a) Benzoquinone
- b) Phthalic acid
- c) Phthalic anhydride
- d) Isatoic anhydride

- a. A

- b. B

d. D

9. Question

Which of the following is used as plasticizer?

- a) dimethyl sulphoxide b) dimethyl adipate
c) butyl benzyl phthalate d) both b&c

a. A

b. B

c. C

d. D

10. Question

Picric acid is belong to one of the important dyes.

- a) Xanthene dyes c) acid dye
b) azo dye d) none of these

a. A

b. B

c. C

d. D

11. Question

Mischler's ketone is used in the preparation of----

- a) p-rosaniline b) malachite green
c) auramine-O d) gentian violet

a. A

b. B

c. C

d. D

12. Question

What is molecular formula of oleum?

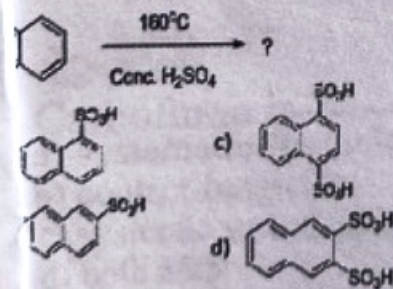
- a) conc. H_2SO_4 b) dil. H_2SO_4
c) $HClO_4$ d) $H_2S_2O_7$

b. B

d. D

13. Question

Predict the product of following reaction?



b. B

c. C

d. D

14. Question

Who discovered polyethylene?

- a) Rutherford b) Hans von Pechmann
c) da Lovelace d) None of these

a. A

b. B

c. C

d. D

15. Question

The reagent Fe/HCl is used in reaction.

- a) Baking process b) Esterification
c) Bechamp reduction d) Bucherer reaction

a. A

b. B

c. C

d. D

16. Question

Methyl orange is synthesized by coupling diazonium salt of sulphanilic acid with....

- a) N,N- dimethylamino benzene
b) N-methylaminobenzene
c) Amino benzene
d) Amino toluene

a. A

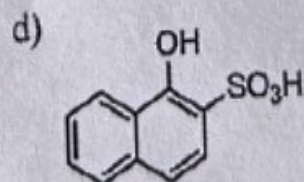
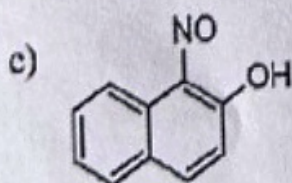
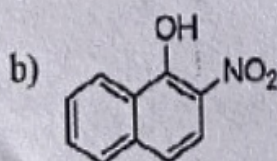
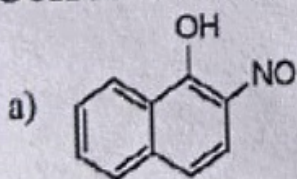
b. B

c. C

d. D

17. Question

Correct structure of Gambine-Y is ---



a. A

b. B

c. C

d. D

18. Question

Which of the following is biopolymer?

- a) cellulose b) nylon
c) polyester d) both b&c

a. A
c. C

b. B
d. D

19. Question

What is PAN?

- a) Polyacrylonitrile
b) Polyaminonitrate
c) polyacrylonitrile
d) None of these

a. A
c. C

b. B
d. D

20. Question

Adsorption phenomenon between dye and fibre is observed in.....

- a) direct dye b) reactive dye
c) vat dye d) disperse dye

a. A
c. C

b. B
d. D

21. Question

Steam distillation method is used in perfumeries for----

- a) extraction of perfumes b) purification of perfumes
c) purification of solvents d) none of these

a. A
c. C

b. B
d. D

22. Question

Carbofuran is-----

- a) systematic fungicide
b) contact fungicide
c) systemic insecticide
d) both a&b

a. A

b. B

