

SET - III
LALBABA COLLEGE
CHEMISTRY – GENERAL
INTERNAL ASSESSMENT
SEM (V) DSE A – 2021
FULL MARKS – 10
TIME – HALF HRS

ANSWER ANY TEN QUESTIONS WITH TICK (✓) MARK

NAME:

ROLL NO.

REGISTRATION NO.

1. Which of the following enzymes catalyses the hydrolysis of triglycerides to fatty acids and glycerol?

- (a) Pepsin
- (b) Maltase
- (c) Zymase
- (d) Lipase

2. Ziegler Natta catalyst is associated with

- (a) polymerisation of alkenes
- (b) hydrogenation of alkenes
- (c) hydroformylation of alkenes
- (d) none of the above

3. What is the effect of enzymes on the rate of biochemical reactions?

- (a) The rate increases
- (b) It does not change
- (c) The rate decreases
- (d) either (b) or (c)

4. Substances that decrease the activity of a catalyst are known as:

- (a) controllers
- (b) promoters
- (c) initiators
- (d) poisons

5. The catalyst used for the reaction $\text{SO}_2 + \text{O}_2 \rightarrow \text{SO}_3$ in Contact's Process is:

- (a) Iron
- (b) Molybdenum
- (c) Vanadium pentoxide
- (d) Sulphur dioxide

6. Which of the following is used as catalytic promoter?

- (a) Chlorine
- (b) Helium
- (c) Nitrogen
- (d) Sulphur

7. Low heat cement is used in

- (a) Thick Structures
- (b) Thin Structures
- (c) Submarine Structures
- (d) None of these

8. Sulphation in a lead acid battery occurs due to

- (a) Heavy charging
- (b) Fast charging
- (c) Trickle charging
- (d) Incomplete charging

9. Which one is urea formaldehyde condensation fertilizer mentioned below?

- (a) Kalkammon
- (b) lime urea
- (c) Cal-ka-nite
- (d) Uramite

10. Which is the material used to as anode in a lithium-ion battery?

- (a) Brass foil coated with graphite
- (b) Aluminium foil coated with graphite
- (c) Copper foil coated with graphite
- (d) Stainless steel coated with graphite

11. First coagulation time of cement is

- (a) 1 hr
- (b) 15 min
- (c) 30 min
- (d) 30 days

12. Which is the origin material of cement?

- (a) Silica
- (b) Magnesia
- (c) Alumina
- (d) Calcium oxide

13. Which component of fertilizer is used in stimulates early growth purpose?

- (a) Phosphorus
- (b) Nitrogen
- (c) Potassium
- (d) Oxygen

14. An alloy is a

- (a) Pure metal
- (b) Mixture of metals in any proportion
- (c) Mixture of metals in fixed proportion
- (d) Mixture of two non metals

15. Which is the origin material of cement?

- (a) Silica
- (b) Magnesia
- (c) Alumina
- (d) Calcium oxide