

## INDUSTRIAL PHARMACY

**1. The following tablet is intended to be added to given volume of water by pharmacist to obtain certain drug concentration before administration.**

- (A) Hypodermic tablet
- (B) Dispensing tablet
- (C) Efferevescent tablet
- (D) Tablet triturates

**2. Chilsonator is used in which technique of tablet preparation.**

- (A) Direct compression
- (B) Dry granulation
- (C) Wet granulation
- (D) None

**3. The mechanical strength of the tablet can be found by**

- (A) Friability
- (B) Disintegration
- (C) Dissolution
- (D) Hardness

**4. Starch paste is used in tablet manufacturing as**

- (A) Granulating agent
- (B) Disintegrating agent
- (C) Diluent
- (D) Lubricant

**5. Which of the following excipient is hydrolysed starch.**

- (A) Sugartab
- (B) Nutab
- (C) Celutab
- (D) All

**6. The relative humidity and temperature to be maintained during dry granulation of Aspirin tablet.**

- (A) <30% and 70°F
- (B) >30% and 70°F
- (C) >30%and 70°C
- (D) >40%and 60°F

**7. Which of the following is both wet and dry granulating mixer (high speed mixer)**

- (A) Sigma
- (B) Planetary
- (C) Both A and B
- (D) Diosna mixer



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**8. Hardness can be tested by the testers**

- (A) Pfizer
- (B) Erweka
- (C) Schleuniger
- (D) All the above

**9. Cerelose is brand name of**

- (A) Sucrose
- (B) Dextrose
- (C) Cellulose
- (D) Starch

**10. Ac-Di-Sol is a**

- (A) cross linked MCC
- (B) cross linked PVP
- (C) cross linked sodium CMC
- (D) cross linked sodium starch glycolate

**11. The disintegration time of sugar coated tablet is**

- (A) NMT 15 min
- (B) NMT 30 min
- (C) NMT 45min
- (D) NMT 60min

**12. Which of the following diluent has negative heat of solution**

- (A) Sucrose
- (B) Manitol
- (C) Sorbitol
- (D) Glucose

**13. According to I.P., % difference permitted in weight variation test of 240 mg tablet.**

- (A)  $\pm 1\%$
- (B)  $\pm 5\%$
- (C)  $\pm 7.5\%$
- (D)  $\pm 10\%$

**14. Air entrapment in tablet among granules can be overcome by**

- (A) Pre-compression
- (B) Reducing final compression force
- (C) Minimising tableting rate
- (D) All the above

**15. The temp maintained in dissolution apparatus is**

- (A)  $37 \pm 0.5^\circ \text{C}$



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# MYBO's GPAT/ NIPER/ PGCET BOOSTER PACK-3

(From MYBO Knowledge Center) : MYBO – A Voluntary Organization

- (B)  $37 \pm 1^\circ \text{C}$
- (C)  $37 \pm 1.5^\circ \text{C}$
- (D)  $37 \pm 2^\circ \text{C}$

MYBO's GPAT/ NIPER/ PGCET BOOSTER PACK-3 is provided by

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## NOTE:

1. Key for the above bits is available with MYBO's GPAT/ NIPER/ PGCET BOOSTER PACK-4
2. If you are interested to help the GPAT/ NIPER/ PGCET Aspirants, you can send 15 bits each with four options (correct answer underlined) to [mybogroup@gmail.com](mailto:mybogroup@gmail.com) After verification, we will publish them on your name at [www.mybogroup.com](http://www.mybogroup.com)



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## KEY @ MYBO's BOOSTER PACK-2

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|-------|-------|-------|-------|-------|
| 1. B  | 2. C  | 3. A  | 4. C  | 5. C  |
| 6. A  | 7. D  | 8. C  | 9. B  | 10. D |
| 11. A | 12. B | 13. A | 14. B | 15. B |