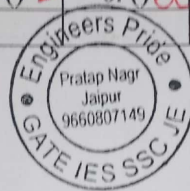


## Answer Sheet

1. (a)	2. (a)	3. (c)	4. (d)	5. (b)	6. (a)	7. (c)	8. (c)	9. (d)	10. (d)
11. (b)	12. (a)	13. (c)	14. (d)						



7 → c

8 → c

9 → d

12 → a

10 → d

11 → b



7. In PERT analysis, the time estimates of activities follows  
 (a) normal distribution curve  
 (b)  $\beta$ -distribution curve  
 (c) Poisson's distribution curve  
 (d) binomial distribution curve

*Repeated*

8. Slack time in PERT analysis  
 (a) Can never be greater than zero  
 (b) Is always zero for critical activities  
 (c) Can never be less than zero  
 (d) Is minimum for critical events

*Covered in 1st chapter*

Ans. ....  
 ....

Ans. ....  
 ....

**Answer Sheet**

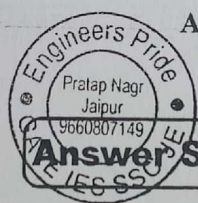
1. (d)	2. (b)	3. (a)	4. (b)	5. (a)	6. (a)	7. (b)	8. (d)		
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**4. CRASHING**

1. In the time-cost analysis, the cost slope is defined as  
 (a)  $\frac{\text{Crash cost} - \text{Normal cost}}{\text{Crash time} - \text{Normal time}}$   
 (b)  $\frac{\text{Crash time} - \text{Normal time}}{\text{Crash cost} - \text{Normal cost}}$

(c)  $\frac{\text{Crash cost} - \text{Normal cost}}{\text{Normal time} - \text{Crash time}}$   
 (d)  $\frac{\text{Normal cost} - \text{Crash cost}}{\text{Normal time} - \text{Crash time}}$

Ans. ....  
 ....



**Answer Sheet**

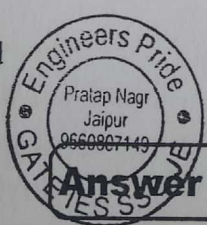
1. ~~(a)~~ C

**5. UPDATING & RESOURCE ALLOCATION**

1. In resource levelling  
 (a) total duration of project is reduced  
 (b) total duration of project is increased

(c) uniform demand of resources is achieved  
 (d) cost of project is controlled

Ans. ....  
 ....



**Answer Sheet**

1. ~~(a)~~ C

## 2. FUNDAMENTAL OF NETWORK

1. Which system of network given below completely eliminates the use of dummy activities?

- (a) A-O-A (Activity-on-Arrow)
- (b) A-O-N (Activity-on-Node)

(c) PERT

(d) CPM

Ans. ....

**Answer Sheet**

1.(b)

## 3. PROGRAMME EVALUATION REVIEW TECHNIQUE (PERT)





# 6. ENGINEERING ECONOMY

1. Cost of owning an equipment would include
- (a) Cost of depreciation, maintenance and repair, and fuel
  - (b) Cost of investment, wages of the crew, and fuel
  - (c) Cost of fuel, lubricating oil, investment, and depreciation
  - (d) Cost of investment, major repairs, and depreciation

Ans. ....

2. Sensitivity analysis is a study of
- (a) Comparison of profit and loss
  - (b) Comparison of assets and liabilities
  - (c) Change in output due to change in input
  - (d) Economics of costs and benefits of the project

Ans. ....

3. Pay-back period gives an estimate of
- (a) Profitability
  - (b) Liquidity
  - (c) Time-value of money
  - (d) Interest rate of return

Ans. ....

4. Payment allowance is selected keeping in mind-
- (a) Overall cost
  - (b) Normal profit and total time
  - (c) Overall cost and total time
  - (d) Overall cost, normal profit and total time

Ans. ....

5. Sinking fund method is useful in
- (a) Depreciation
  - (b) Obsolescence
  - (c) Liquidation
  - (d) Scrap value

Ans. ....

## Answer Sheet



1. (d)	2. (c)	3. (b)	4. (d)	5. (b)				
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5 → a

# Answer Sheet

1.(d)	2.(d)	3.(c)	4.(c)	5.(a)	6.(b)	7.(a)	8.	9.(c)	10.(a)
11.(b)	12. <del>(d)</del>	13.(d)	14.(a)	15.(c)	16.(d)				

C

12 → C

