

FIITJEE - JEE (Mains)

Batches: NWPA718B01-B03 & NWPD718A01

PHYSICS, CHEMISTRY & MATHEMATICS

JEE - MAINS 2018

PHASE – I

QP Code: 122779.1

ANSWERS

PHYSICS

| | | | | | | | |
|-----|---|-----|---|-----|---|-----|---|
| 1. | D | 2. | D | 3. | B | 4. | D |
| 5. | C | 6. | C | 7. | C | 8. | C |
| 9. | A | 10. | D | 11. | A | 12. | A |
| 13. | B | 14. | C | 15. | D | 16. | D |
| 17. | A | 18. | D | 19. | C | 20. | C |
| 21. | D | 22. | C | 23. | A | 24. | A |
| 25. | A | 26. | D | 27. | D | 28. | C |
| 29. | C | 30. | A | | | | |

CHEMISTRY

| | | | | | | | |
|-----|---|-----|---|-----|---|-----|---|
| 1. | C | 2. | B | 3. | B | 4. | D |
| 5. | C | 6. | B | 7. | A | 8. | B |
| 9. | A | 10. | B | 11. | B | 12. | C |
| 13. | B | 14. | B | 15. | D | 16. | D |
| 17. | B | 18. | A | 19. | B | 20. | A |
| 21. | B | 22. | C | 23. | C | 24. | B |
| 25. | A | 26. | B | 27. | A | 28. | C |
| 29. | A | 30. | D | | | | |

MATHEMATICS

| | | | | | | | |
|-----|---|-----|---|-----|---|-----|---|
| 1. | B | 2. | A | 3. | A | 4. | C |
| 5. | B | 6. | A | 7. | D | 8. | D |
| 9. | A | 10. | D | 11. | D | 12. | A |
| 13. | C | 14. | B | 15. | B | 16. | D |
| 17. | C | 18. | D | 19. | C | 20. | B |
| 21. | B | 22. | C | 23. | D | 24. | D |
| 25. | B | 26. | A | 27. | B | 28. | C |
| 29. | A | 30. | D | | | | |

QP Code: 122779.2

ANSWERS

PHYSICS

| | | | | | | | |
|-----|---|-----|---|-----|---|-----|---|
| 1. | C | 2. | C | 3. | C | 4. | A |
| 5. | D | 6. | D | 7. | D | 8. | B |
| 9. | D | 10. | C | 11. | D | 12. | A |
| 13. | D | 14. | C | 15. | C | 16. | A |
| 17. | A | 18. | B | 19. | C | 20. | D |
| 21. | D | 22. | D | 23. | C | 24. | C |
| 25. | A | 26. | D | 27. | C | 28. | A |
| 29. | A | 30. | A | | | | |

CHEMISTRY

- | | | | |
|-------|-------|-------|-------|
| 1. B | 2. C | 3. B | 4. B |
| 5. D | 6. D | 7. B | 8. A |
| 9. B | 10. A | 11. C | 12. B |
| 13. B | 14. D | 15. C | 16. B |
| 17. A | 18. B | 19. A | 20. B |
| 21. B | 22. C | 23. C | 24. B |
| 25. A | 26. B | 27. A | 28. C |
| 29. A | 30. D | | |

MATHEMATICS

- | | | | |
|-------|-------|-------|-------|
| 1. A | 2. C | 3. A | 4. D |
| 5. D | 6. A | 7. B | 8. D |
| 9. D | 10. B | 11. C | 12. D |
| 13. A | 14. C | 15. D | 16. B |
| 17. A | 18. B | 19. D | 20. A |
| 21. D | 22. C | 23. B | 24. C |
| 25. C | 26. B | 27. D | 28. B |
| 29. B | 30. A | | |

QP Code: 122779.3**ANSWERS****PHYSICS**

- | | | | |
|-------|-------|-------|-------|
| 1. B | 2. D | 3. D | 4. D |
| 5. C | 6. C | 7. C | 8. C |
| 9. A | 10. A | 11. A | 12. D |
| 13. D | 14. D | 15. B | 16. C |
| 17. C | 18. C | 19. A | 20. D |
| 21. A | 22. A | 23. D | 24. C |
| 25. D | 26. C | 27. A | 28. D |
| 29. A | 30. C | | |

CHEMISTRY

- | | | | |
|-------|-------|-------|-------|
| 1. B | 2. C | 3. C | 4. B |
| 5. A | 6. B | 7. A | 8. C |
| 9. A | 10. D | 11. C | 12. B |
| 13. B | 14. D | 15. C | 16. B |
| 17. A | 18. B | 19. A | 20. B |
| 21. B | 22. C | 23. B | 24. B |
| 25. D | 26. D | 27. B | 28. A |
| 29. B | 30. A | | |

MATHEMATICS

- | | | | |
|-------|-------|-------|-------|
| 1. B | 2. A | 3. B | 4. D |
| 5. A | 6. D | 7. C | 8. B |
| 9. C | 10. C | 11. B | 12. D |
| 13. B | 14. B | 15. A | 16. A |
| 17. C | 18. A | 19. D | 20. D |
| 21. A | 22. B | 23. D | 24. D |
| 25. B | 26. C | 27. D | 28. A |
| 29. C | 30. D | | |

QP Code: 122779.4**ANSWERS****PHYSICS**

| | | | | | | | |
|-----|---|-----|---|-----|---|-----|---|
| 1. | C | 2. | A | 3. | C | 4. | C |
| 5. | D | 6. | B | 7. | D | 8. | D |
| 9. | D | 10. | A | 11. | D | 12. | C |
| 13. | C | 14. | A | 15. | D | 16. | C |
| 17. | C | 18. | D | 19. | A | 20. | B |
| 21. | C | 22. | C | 23. | D | 24. | D |
| 25. | C | 26. | A | 27. | A | 28. | D |
| 29. | A | 30. | A | | | | |

CHEMISTRY

| | | | | | | | |
|-----|---|-----|---|-----|---|-----|---|
| 1. | B | 2. | A | 3. | B | 4. | A |
| 5. | B | 6. | C | 7. | B | 8. | B |
| 9. | D | 10. | C | 11. | D | 12. | B |
| 13. | A | 14. | B | 15. | A | 16. | B |
| 17. | C | 18. | B | 19. | B | 20. | D |
| 21. | B | 22. | A | 23. | C | 24. | A |
| 25. | D | 26. | B | 27. | C | 28. | C |
| 29. | B | 30. | A | | | | |

MATHEMATICS

| | | | | | | | |
|-----|---|-----|---|-----|---|-----|---|
| 1. | D | 2. | A | 3. | C | 4. | B |
| 5. | A | 6. | B | 7. | D | 8. | D |
| 9. | C | 10. | B | 11. | B | 12. | C |
| 13. | D | 14. | C | 15. | D | 16. | B |
| 17. | B | 18. | C | 19. | A | 20. | D |
| 21. | D | 22. | A | 23. | D | 24. | D |
| 25. | A | 26. | B | 27. | C | 28. | A |
| 29. | A | 30. | B | | | | |

FIITJEE INTERNAL TEST

Batches: NWPA718B01-B03 & NWPD718A01

IIT - JEE 2018

PHASE – I

PAPER – I

ANSWERS

QP CODE: 122780.1

Answers

Physics

Part – A

- | | | | |
|--------|--------|-------|-------|
| 1. C | 2. C | 3. A | 4. D |
| 5. AD | 6. AB | 7. AC | 8. BC |
| 9. ABD | 10. BC | | |

Part – B

- | | | | |
|----------|-------|-------|-------|
| 1. A → Q | B → P | C → S | D → R |
| 2. A → P | B → P | C → R | D → Q |

Part – C

- | | | | |
|------|------|------|------|
| 1. 1 | 2. 5 | 3. 0 | 4. 1 |
| 5. 0 | 6. 5 | 7. 2 | 8. 4 |

Chemistry

Part – A

- | | | | |
|--------|--------|------|-------|
| 1. B | 2. B | 3. B | 4. A |
| 5. ACD | 6. A | 7. A | 8. AB |
| 9. ABD | 10. CD | | |

Part – B

- | | | | |
|------------|---------|--------|-------|
| 1. A → PQS | B → PRS | C → PQ | D → R |
| 2. A → PQ | B → PR | C → S | D → S |

Part – C

- | | | | |
|------|------|------|------|
| 1. 2 | 2. 7 | 3. 3 | 4. 9 |
| 5. 9 | 6. 5 | 7. 3 | 8. 7 |

Mathematics

Part – A

- | | | | |
|-------|---------|--------|-------|
| 1. A | 2. D | 3. B | 4. A |
| 5. AD | 6. ABCD | 7. BCD | 8. BD |
| 9. BC | 10. AC | | |

Part – B

- | | | | |
|-----------|--------|--------|--------|
| 1. A → PQ | B → RS | C → QR | D → PS |
| 2. A → R | B → S | C → P | D → Q |

Part – C

- | | | | |
|------|------|------|------|
| 1. 3 | 2. 7 | 3. 6 | 4. 8 |
| 5. 3 | 6. 0 | 7. 4 | 8. 8 |

QP CODE: 122780.2**Answers****Physics****Part – A**

- | | | | |
|--------------|---------------|--------------|--------------|
| 1. A | 2. D | 3. C | 4. C |
| 5. BC | 6. ABD | 7. BC | 8. AD |
| 9. AB | 10. AC | | |

Part – B

- | | | | |
|-----------------|--------------|--------------|--------------|
| 1. A → P | B → P | C → R | D → Q |
| 2. A → Q | B → P | C → S | D → R |

Part – C

- | | | | |
|-------------|-------------|-------------|-------------|
| 1. 0 | 2. 5 | 3. 2 | 4. 4 |
| 5. 1 | 6. 5 | 7. 0 | 8. 1 |

Chemistry**Part – A**

- | | | | |
|--------------|---------------|--------------|---------------|
| 1. B | 2. A | 3. B | 4. B |
| 5. AB | 6. ABD | 7. CD | 8. ACD |
| 9. A | 10. A | | |

Part – B

- | | | | |
|-------------------|----------------|---------------|--------------|
| 1. A → PQ | B → PR | C → S | D → S |
| 2. A → PQS | B → PRS | C → PQ | D → R |

Part – C

- | | | | |
|-------------|-------------|-------------|-------------|
| 1. 9 | 2. 5 | 3. 3 | 4. 7 |
| 5. 2 | 6. 7 | 7. 3 | 8. 9 |

Mathematics**Part – A**

- | | | | |
|----------------|---------------|--------------|--------------|
| 1. D | 2. A | 3. A | 4. B |
| 5. ABCD | 6. BD | 7. AC | 8. AD |
| 9. BCD | 10. BC | | |

Part – B

- | | | | |
|------------------|---------------|---------------|---------------|
| 1. A → R | B → S | C → P | D → Q |
| 2. A → PQ | B → RS | C → QR | D → PS |

Part – C

- | | | | |
|-------------|-------------|-------------|-------------|
| 1. 7 | 2. 8 | 3. 0 | 4. 8 |
| 5. 3 | 6. 6 | 7. 3 | 8. 4 |

QP CODE: 122780.3**Answers****Physics****Part – A**

- | | | | |
|--------------|----------------|--------------|--------------|
| 1. C | 2. C | 3. D | 4. A |
| 5. AB | 6. AD | 7. BC | 8. AC |
| 9. BC | 10. ABD | | |

Part – B

- | | | | |
|-----------------|--------------|--------------|--------------|
| 1. A → Q | B → P | C → S | D → R |
| 2. A → P | B → P | C → R | D → Q |

Part – C

- | | | | |
|-------------|-------------|-------------|-------------|
| 1. 5 | 2. 1 | 3. 1 | 4. 0 |
| 5. 5 | 6. 0 | 7. 4 | 8. 2 |

Chemistry**Part – A**

- | | | | |
|--------------|----------------|---------------|-------------|
| 1. B | 2. A | 3. B | 4. B |
| 5. A | 6. AB | 7. ACD | 8. A |
| 9. CD | 10. ABD | | |

Part – B

- | | | | |
|-------------------|----------------|---------------|--------------|
| 1. A → PQS | B → PRS | C → PQ | D → R |
| 2. A → PQ | B → PR | C → S | D → S |

Part – C

- | | | | |
|-------------|-------------|-------------|-------------|
| 1. 3 | 2. 9 | 3. 2 | 4. 7 |
| 5. 3 | 6. 7 | 7. 9 | 8. 5 |

Mathematics**Part – A**

- | | | | |
|--------------|---------------|--------------|----------------|
| 1. A | 2. B | 3. D | 4. A |
| 5. AD | 6. BCD | 7. BC | 8. ABCD |
| 9. BD | 10. AC | | |

Part – B

- | | | | |
|------------------|---------------|---------------|---------------|
| 1. A → PQ | B → RS | C → QR | D → PS |
| 2. A → R | B → S | C → P | D → Q |

Part – C

- | | | | |
|-------------|-------------|-------------|-------------|
| 1. 3 | 2. 6 | 3. 3 | 4. 4 |
| 5. 7 | 6. 8 | 7. 0 | 8. 8 |

QP CODE: 122780.4**Answers****Physics****Part – A**

- | | | | |
|---------------|---------------|--------------|--------------|
| 1. D | 2. A | 3. C | 4. C |
| 5. ABD | 6. BC | 7. AD | 8. BC |
| 9. AC | 10. AB | | |

Part – B

- | | | | |
|-----------------|--------------|--------------|--------------|
| 1. A → P | B → P | C → R | D → Q |
| 2. A → Q | B → P | C → S | D → R |

Part – C

- | | | | |
|-------------|-------------|-------------|-------------|
| 1. 5 | 2. 0 | 3. 4 | 4. 2 |
| 5. 5 | 6. 1 | 7. 1 | 8. 0 |

Chemistry**Part – A**

- | | | | |
|--------------|----------------|--------------|-------------|
| 1. A | 2. B | 3. B | 4. B |
| 5. CD | 6. ABD | 7. AB | 8. A |
| 9. A | 10. ACD | | |

Part – B

- | | | | |
|-------------------|----------------|---------------|--------------|
| 1. A → PQ | B → PR | C → S | D → S |
| 2. A → PQS | B → PRS | C → PQ | D → R |

Part – C

- | | | | |
|-------------|-------------|-------------|-------------|
| 1. 7 | 2. 3 | 3. 5 | 4. 9 |
| 5. 9 | 6. 3 | 7. 7 | 8. 2 |

Mathematics**Part – A**

- | | | | |
|----------------|---------------|--------------|---------------|
| 1. A | 2. B | 3. D | 4. A |
| 5. AC | 6. BC | 7. BD | 8. BCD |
| 9. ABCD | 10. AD | | |

Part – B

- | | | | |
|------------------|---------------|---------------|---------------|
| 1. A → PQ | B → RS | C → QR | D → PS |
| 2. A → R | B → S | C → P | D → Q |

Part – C

- | | | | |
|-------------|-------------|-------------|-------------|
| 1. 8 | 2. 4 | 3. 0 | 4. 3 |
| 5. 8 | 6. 6 | 7. 7 | 8. 3 |

FIITJEE INTERNAL TEST

Batches: NWPA718B01-B03 & NWPD718A01

IIT - JEE 2018

PHASE – I

PAPER – II

ANSWERS

QP CODE: 122781.1

Answers

Physics

Part – A

| | | | |
|--------|--------|--------|---------|
| 1. ACD | 2. AB | 3. BC | 4. ABCD |
| 5. ABD | 6. ABD | 7. ABD | 8. CD |
| 9. A | 10. A | 11. D | 12. A |

Part – C

| | | | |
|------|------|------|------|
| 1. 5 | 2. 3 | 3. 4 | 4. 6 |
| 5. 4 | 6. 9 | 7. 3 | 8. 8 |

Chemistry

Part – A

| | | | |
|--------|--------|-------|--------|
| 1. B | 2. A | 3. AB | 4. CD |
| 5. ABD | 6. ABD | 7. AB | 8. ACD |
| 9. C | 10. B | 11. C | 12. B |

Part – C

| | | | |
|------|------|------|------|
| 1. 3 | 2. 4 | 3. 5 | 4. 9 |
| 5. 1 | 6. 1 | 7. 4 | 8. 3 |

Mathematics

Part – A

| | | | |
|---------|--------|-------|-------|
| 1. AD | 2. AB | 3. AD | 4. BD |
| 5. ABCD | 6. ABD | 7. AC | 8. AC |
| 9. C | 10. C | 11. C | 12. D |

Part – C

| | | | |
|------|------|------|------|
| 1. 3 | 2. 5 | 3. 2 | 4. 8 |
| 5. 0 | 6. 4 | 7. 4 | 8. 5 |

QP CODE: 122781.2

Answers

Physics

Part – A

| | | | |
|--------|--------|--------|---------|
| 1. ABD | 2. ABD | 3. ABD | 4. CD |
| 5. ACD | 6. AB | 7. BC | 8. ABCD |
| 9. D | 10. A | 11. A | 12. A |

Part – C

| | | | |
|------|------|------|------|
| 1. 4 | 2. 9 | 3. 3 | 4. 8 |
| 5. 5 | 6. 3 | 7. 4 | 8. 6 |

Chemistry**Part – A**

- | | | | |
|--------|--------|-------|--------|
| 1. ABD | 2. ABD | 3. AB | 4. ACD |
| 5. B | 6. A | 7. AB | 8. CD |
| 9. C | 10. B | 11. C | 12. B |

Part – C

- | | | | |
|------|------|------|------|
| 1. 1 | 2. 1 | 3. 4 | 4. 3 |
| 5. 3 | 6. 4 | 7. 5 | 8. 9 |

Mathematics**Part – A**

- | | | | |
|-------|-------|---------|-------|
| 1. AB | 2. BD | 3. ABD | 4. AC |
| 5. AD | 6. AD | 7. ABCD | 8. AC |
| 9. C | 10. D | 11. C | 12. C |

Part – C

- | | | | |
|------|------|------|------|
| 1. 5 | 2. 8 | 3. 4 | 4. 5 |
| 5. 3 | 6. 2 | 7. 0 | 8. 4 |

QP CODE: 122781.3**Answers****Physics****Part – A**

- | | | | |
|--------|--------|---------|--------|
| 1. AB | 2. ACD | 3. ABCD | 4. BC |
| 5. ABD | 6. ABD | 7. CD | 8. ABD |
| 9. A | 10. A | 11. D | 12. A |

Part – C

- | | | | |
|------|------|------|------|
| 1. 3 | 2. 5 | 3. 6 | 4. 4 |
| 5. 9 | 6. 4 | 7. 8 | 8. 3 |

Chemistry**Part – A**

- | | | | |
|-------|--------|--------|--------|
| 1. AB | 2. CD | 3. B | 4. A |
| 5. AB | 6. ACD | 7. ABD | 8. ABD |
| 9. C | 10. B | 11. C | 12. B |

Part – C

- | | | | |
|------|------|------|------|
| 1. 5 | 2. 9 | 3. 3 | 4. 4 |
| 5. 4 | 6. 3 | 7. 1 | 8. 1 |

Mathematics**Part – A**

- | | | | |
|-------|-------|---------|-------|
| 1. AD | 2. AD | 3. ABCD | 4. AC |
| 5. AB | 6. BD | 7. ABD | 8. AC |
| 9. C | 10. D | 11. C | 12. C |

Part – C

- | | | | |
|------|------|------|------|
| 1. 3 | 2. 2 | 3. 0 | 4. 4 |
| 5. 5 | 6. 8 | 7. 4 | 8. 5 |

QP CODE: 122781.4**Answers****Physics****Part – A**

- | | | | |
|---------------|---------------|----------------|---------------|
| 1. ABD | 2. ABD | 3. CD | 4. ABD |
| 5. AB | 6. ACD | 7. ABCD | 8. BC |
| 9. D | 10. A | 11. A | 12. A |

Part – C

- | | | | |
|-------------|-------------|-------------|-------------|
| 1. 9 | 2. 4 | 3. 8 | 4. 3 |
| 5. 3 | 6. 5 | 7. 6 | 8. 4 |

Chemistry**Part – A**

- | | | | |
|---------------|--------------|---------------|---------------|
| 1. ACD | 2. AB | 3. ABD | 4. ABD |
| 5. CD | 6. AB | 7. A | 8. B |
| 9. C | 10. B | 11. C | 12. B |

Part – C

- | | | | |
|-------------|-------------|-------------|-------------|
| 1. 3 | 2. 4 | 3. 1 | 4. 1 |
| 5. 9 | 6. 5 | 7. 4 | 8. 3 |

Mathematics**Part – A**

- | | | | |
|--------------|--------------|---------------|----------------|
| 1. AC | 2. AC | 3. ABD | 4. ABCD |
| 5. BD | 6. AD | 7. AB | 8. AD |
| 9. C | 10. D | 11. C | 12. C |

Part – C

- | | | | |
|-------------|-------------|-------------|-------------|
| 1. 5 | 2. 4 | 3. 4 | 4. 0 |
| 5. 8 | 6. 2 | 7. 5 | 8. 3 |