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| --- | --- |
| ID | 01 |
| Question | What is working of commutator in DC generator? |
| A | Converting voltage from AC to DC |
| B | Converting voltage from DC to AC |
| C | Carrying power to outside circuit |
| D | None of these |
| Answer | A |
| Marks | 1 |
| Unit | 3 |

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| ID | 02 |
| Question | In Fleming's right hand rule, what does the middle finger indicates ? |
| A | Motion of conductor |
| B | Induced emf |
| C | Current direction |
| D | None |
| Answer | B |
| Marks | 1 |
| Unit | 3 |

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| ID | 03 |
| Question | \_\_\_\_\_ changes the AC voltage produced in armature windings into DC voltage. |
| A | Brushes |
| B | Commutator |
| C | Shaft |
| D | None |
| Answer | B |
| Marks | 1 |
| Unit | 3 |

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| ID | 04 |
| Question | The direction of magnetic field can be illustrated with the help  Of \_\_\_\_\_\_\_\_ |
| A | Shape of magnet |
| B | Size of magnet |
| C | Lines of forces |
| D | All of these |
| Answer | C |
| Marks | 1 |
| Unit | 3 |

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| --- | --- |
| ID | 05 |
| Question | Fleming's right hand rule is used to find the direction of the\_\_\_\_\_\_\_ |
| A | Alternate current |
| B | Direct current |
| C | Induced current |
| D | Actual current |
| Answer | C |
| Marks | 1 |
| Unit | 3 |

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| ID | 06 |
| Question | Which poles are called as commutating poles? |
| A | Main poles |
| B | Inter poles |
| C | Both a and b |
| D | None |
| Answer | B |
| Marks | 1 |
| Unit | 3 |

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| ID | 07 |
| Question | The amount of voltage generated in conductor depends upon? |
| A | Strength of the magnetic field |
| B | Speed at which conductor is moved |
| C | The length of conductor within the magnetic field |
| D | All of the above |
| Answer | D |
| Marks | 1 |
| Unit | 3 |

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| --- | --- |
| ID | 08 |
| Question | According to Faraday's law of electromagentic induction, to induce emf which components are not provided in construction? |
| A | Conductor system |
| B | Magnetic field system |
| C | Mechanism to obtain relative motion between field system & conductor system |
| D | None of these |
| Answer | D |
| Marks | 1 |
| Unit | 3 |

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| --- | --- |
| ID | 09 |
| Question | Flemings left hand rule is used in\_\_\_\_\_\_\_\_\_\_\_ |
| A | Motors |
| B | Dc generators |
| C | Ac generators |
| D | None |
| Answer | A |
| Marks | 1 |
| Unit | 3 |

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| --- | --- |
| ID | 10 |
| Question | Nature of induced emf in conductor is \_\_\_\_\_\_\_\_\_\_ |
| A | Alternating |
| B | Direct |
| C | Constant |
| D | May Alternating or Direct |
| Answer | A |
| Marks | 1 |
| Unit | 3 |

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| --- | --- |
| ID | 11 |
| Question | DC generators replaced commutator in place of \_\_\_\_\_\_\_\_ in AC generators |
| A | Brushes |
| B | Armature |
| C | Magnets |
| D | Slip rings |
| Answer | D |
| Marks | 1 |
| Unit | 3 |

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| ID | 12 |
| Question | Commutator brush assembly mechanically rectifies AC voltage so that DC voltage appears across \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| A | Brushes. |
| B | Armature |
| C | Slip rings |
| D | None |
| Answer | A |
| Marks | 1 |
| Unit | 3 |

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| --- | --- |
| ID | 13 |
| Question | The loop of wire that rotates is called\_\_\_\_\_\_\_\_\_\_\_\_ |
| A | Axial |
| B | Armature |
| C | Windings |
| D | None |
| Answer | B |
| Marks | 1 |
| Unit | 3 |

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| --- | --- |
| ID | 14 |
| Question | Flemings right hand rule is used in \_\_\_\_\_\_\_\_ |
| A | Dc generators |
| B | Ac generators |
| C | Motors |
| D | None |
| Answer | A |
| Marks | 1 |
| Unit | 3 |

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| --- | --- |
| ID | 15 |
| Question | Generator works on principal of \_\_\_\_\_\_\_\_\_\_\_ |
| A | Faradays law of electromagnetic induction |
| B | Ohms law |
| C | Lenz law |
| D | None |
| Answer | A |
| Marks | 1 |
| Unit | 3 |