

MONTHLY TEST

Q. ID: ITISKILL82978B

May 2026

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Answer Key

Duration: 30 Mins

Total Marks: 20

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1. Which type of distribution is used in residential area?

- A) Two phase Two wire B) Three phase four wire
C) Three phase three wire D) Single phase two wire

Answer: B) Three phase four wire

2. Which is the property of conducting materials used for OH lines?

- A) High specific gravity B) High dielectric strength
C) High tensile strength D) Easy available in the market

Answer: C) High tensile strength

3. What is the use of engineering drawing?

- A) For reducing the cost B) For estimation of material and execution of work
C) For increasing the cost D) For colourful appearance

Answer: B) For estimation of material and execution of work

4. Which is the main disadvantage of hydro power plant?

- A) Requires long starting time B) Complicated construction
C) High maintenance cost D) High capital cost

Answer: D) High capital cost

5. Which is the cause for deterioration of transformer oil?

- A) Due to atmosphere air come into contact with oil B) Due to over load
C) Insufficient cooling D) Long time use

Answer: A) Due to atmosphere air come into contact with oil

6. Which part reduces the heat of transformer core and winding?

- A) Conservator tank B) Breather
C) Transformer oil D) Cooling tubes

Answer: C) Transformer oil

7. What is the other term of pocket reference in engineering works?

- A) Hand book B) New book
C) Hand tool D) Good book

Answer: A) Hand book

8. Which is the conductivity of aluminium compared to copper?

- A) 0.6 B) 0.5
C) 0.4 D) 0.3

Answer: A) 0.6

9. What is distribution system?

- A) Generation of power in a generating station B) Supply from substation to consumer
C) Supply from generating station to substation D) Supply from generating station to transmission line

Answer: B) Supply from substation to consumer

10. Which is the static machine that increase or decrease the AC voltage? | AC ವೋಲ್ಟೇಜ್ ಅನ್ನು ಹೆಚ್ಚಿಸುವ ಅಥವಾ ಕಡಿಮೆ ಮಾಡುವ ಸ್ಟಾಟಿಕ್ ಯಂತ್ರ ಯಾವುದು?

- A) Induction motor | ಇಂಡಕ್ಷನ್ ಮೋಟಾರ್ B) Generator | ಜನರೇಟರ್
C) Transformer | ಟ್ರಾನ್ಸ್‌ಫಾರ್ಮರ್ D) Alternator | ಆಲ್ಟರ್ನೇಟರ್

Answer: C) Transformer | ಟ್ರಾನ್ಸ್‌ಫಾರ್ಮರ್

11. Which motor is fitted with single phasing relay?

- A) DC shunt motor B) DC series motor
C) Single Phase motors D) Three phase motors

Answer: D) Three phase motors

12. What is the advantage of underground distribution system?

- A) Lower life span B) Good appearance
C) Difficult to trace the faults D) High installation cost

Answer: B) Good appearance

13. Where synthetic liquid transformer oil is used?

- A) Refineries and hazardous location B) Generating station transformers
C) Primary substation transformers D) Secondary substation transformers

Answer: A) Refineries and hazardous location

14. Which method of cooling the fans are used to blow air on the surface of transformer?

- A) Oil and water cooled method B) Air blast method
C) Oil blast method D) Forced oil and water cooled

Answer: B) Air blast method

15. Which is a part of over head line?

- A) Armouring B) Lead sheath
C) Cable trench D) Stay wire

Answer: D) Stay wire

16. Which material is used to made moderator in nuclear reactor?

- A) Nickel
B) Copper
C) Uranium
D) Graphite

Answer: D) Graphite

17. What is service main?

- A) The cable carrying supply from generating station to transformer
B) The cable carrying supply from transformer to over head line
C) The cable carrying supply from meter to load
D) The cable carrying supply from distributor to meter of consumer

Answer: D) The cable carrying supply from distributor to meter of consumer

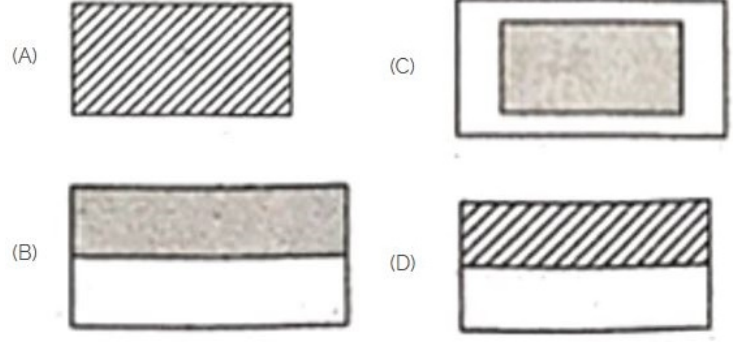
18. Which principle the transformer works?

- A) Self induction
B) Fall of potential
C) Mutual induction
D) Lenz's law

Answer: C) Mutual induction

19. Choose the symbol for main fuse board without switches

(P). | ಸ್ವಿಚ್‌ಗಳು (ಪಿ) ಇಲ್ಲದೆ ಮುಖ್ಯ ಫ್ಯೂಸ್ ಬೋರ್ಡ್‌ಗಾಗಿ ಚಿಹ್ನೆಯನ್ನು ಆರಿಸಿ.



- A) A
B) B
C) D
D) C

Answer: D) C

20. Which is the disadvantage of AC electric power transmission?

- A) More voltage fluctuation
B) Skin effect
C) More line loss
D) Required transformer for voltage step up or step down

Answer: B) Skin effect