

Model Question Paper: Year 2023-24

Class : 9th

Code: A

Roll No.

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Subject :- Power

National Skills Qualification Framework (NSQF)
[English Medium]

ACADEMIC

समय: 2.30 घण्टे]

Time allowed: 2.30 hours]

पूर्णांक: 60

[Maximum Marks:60]

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- कृपया जांच कर लें कि इस प्रश्न-पत्र में मुद्रित पृष्ठ 6 तथा प्रश्न 30 हैं।
Please make sure that the printed pages in this question paper are 5 in number and it contains 30 questions.
 - कृपया प्रश्न का उत्तर लिखना शुरू करने से पहले, प्रश्न का क्रमांक अवश्य लिखें।
Before beginning to answer a question, its Serial Number must be written.
 - उत्तर-पुस्तिका के बीच में खाली पन्ना न छोड़ें।
Don't leave blank page/pages in your answer-book.
 - उत्तर-पुस्तिका के अतिरिक्त कोई अन्य शीट नहीं मिलेगी। अतः आवश्यकतानुसार ही लिखें और लिखा उत्तर न काटें।
Except answer-book, no extra sheet will be given. Write to the point and do not strike the written answer.
 - परीक्षार्थी अपना रोल नं० प्रश्न-पत्र पर अवश्य लिखें। रोल नं० के अतिरिक्त प्रश्न-पत्र पर अन्य कुछ भी न लिखें और वैकल्पिक प्रश्नों के उत्तरों पर किसी प्रकार का निशान न लगाएं।
Candidate must write their Roll No. on the question paper. Except Roll No. do not write anything on question paper and don't make any mark on answer of objective type questions.
 - कृपया प्रश्नों के उत्तर देने से पूर्व यह सुनिश्चित कर लें कि प्रश्न-पत्र पूर्ण व सही है, परीक्षा उपरान्त इस सम्बन्ध में कोई भी दावा स्वीकार नहीं किया जायेगा।
Before answering the questions, ensure that you have been supplied the correct and complete question paper, no claim in this regard, will be entertained after examination.
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Instructions

All questions are compulsory

Question no 1 and 3 are long answer type questions carrying five marks.

Question no 4 to 9 are short answer type question carrying three marks.

Question no 10 to 15 are very short answer type question carrying two marks.

Question no. 16 to 30 are MCQ/ One Word/ Fill in the Blank type's questions carrying one marks each

[Section-A]

Long Answer Types of Questions

3 x 5 = 15 Marks

Q:-1 What are the different types of earthing?.

or

Q:-1. Write down the earth's resistance of different electrical installations.

Q:-2. List the tools and equipment required for electrical work.

Or

Q:-2. Explain the purpose of multimeter and voltmeter.

Q:-3 List the disadvantages of casing capping.

Or

Q:-3 List the advantages of conduit wiring.

[Section-B]

Short Answer Types Questions

6 x 3 = 18 Marks

Q:-4. Draw a simple diagram of pipe earthing.

Q:-5 What do you understand by electrical earthing? Why is it done?

Q:-6. Which equipment used for cable laying.

Q:-7. Write Short Notes on Electromechanical meter

Q:-8. Which apparatus is used in simple wiring?

or

Q:-8. Write the precautions for casing, capping wiring

Q:-9. Write Short Notes on Consumer meter

or

Q:-9. What are the benefit of smart meter.

[Section-C]

Very Short Answer Types Questions

6 x 2 = 12 Marks

Q:-10. Which electrical points should be earthed?

Q:-11. Which tools used for Erection and maintenance?

Q:-12. Write Short Notes on Consumer meter.

Q:-13. Do you think you have the qualities of an entrepreneur in you? If yes, give examples when you have shown these qualities.

Q:-14 Write the properties and applications of copper and aluminium.

or

Q:-14. How will you identify copper and aluminium on the basis of colour?

Q:-15 Describe any three methods of water conservation.

or

Q:-15 Describe any three methods of water conservation.

[Section-D]

Objective Types Questions

15x 1 = 15 Marks

Q:-16 Every metallic electrical pole must be.....

- (a) grounded (b) earthed (c) phase (d) neutral

Q:-17 . Pendant holder is used for _____.

- (a) fixing a bulb (b) fixing a fan (c) hanging a bulb (d) hanging a fan

Q:-18 Two-way switch is used for _____.

- (a) controlling one bulb from 2 points
(b) controlling two bulbs from 2 points
(c) controlling multiple bulbs from 2 points
(d) controlling one bulb from one point

Q:-19. For consumer meters _____.

- (i) it is the responsibility of the licensee to record the metered data.
(ii) the licensee shall maintain accounts for the electricity consumption.
(iii) the licensee shall provide real time display unit at the consumer premises.

- (a) all of the above (b) Only (i) and (iii)
(c) Only (i) and (ii) (d) Only (iii)

Q:-20. . Which of the below mentioned characteristics of the seal used is/are correct?

- (i) Seal is not a lock
- (ii) Seals are used to detect unauthorised entry
- (iii) Seals are a means of security and safety for meters
- (iv) Seals can be made of lead, metal, engineering plastic, etc.

(a) Only (iii)

(b) Only (i) and (iv)

(c) Only (i)

(d) Only (iv)

Q:-21 Which of these are open-ended questions?

(a) Where do you live?

(b) Are you hungry?

(c) How do you feel?

(d) Did you meet him?

Q:-22 . Which of these are question words?

(a) What

(b) Want

(c) Which

(d) How

Q:-23 Dressing and grooming are important because they help us to look _____.

(a) smart

(b) untidy

(c) shabby

(d) All of the above

Q:-24 . The following image is an example of _____ shirt.

(a) informal

(b) formal

(c) Both of the above

(d) None of the above

Q:-25. State whether the following statements are True or False

Email cannot be sent to more than one person at a time.

Q:-26. State whether the following statements are True or False

Email is an electronic message sent over the Internet or a computer network.

Q:-27. In India _____ meters were used in olden times.

Q:-28. Smart meters use a _____ to send meter readings.

Q:-29. Crimping tool is used for _____.

Q:-30. In an electric tester _____ bulb is used.