# **Model Question Paper: Year 2023-24**

Class: 9 <sup>th</sup>							Code: A
Roll No.							
			S	ub	je	t :- Power	

National Skills Qualification Framework (NSQF) [English Medium]

#### **ACADEMIC**

समय:2.30 घण्टे] पूर्णांकः 60 Time allowed: 2.30 hours] [ Maximum Marks:60]

- 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 उतर लिखना शुरू करने से पहले, प्रश्न का कमांक अवश्य लिखें। Before beginning to answer a question, its Serial Number must be written.
- उत्तर-पुस्तिका के बीच में खाली पन्ना न छोडें। Don't leave blank page/pages in your answer-book.
- उतर-पुस्तिका के अतिरिक्त कोई अन्य शीट नहीं मिलेगी। अतः आवश्यकतानुसार ही लिखें और लिखा उतर न काटें। Except answer-book, no extra sheet will be given. Write to the point and do not strikethe written answer.
- परीक्षार्थी अपना रोल नं0 प्रश्न-पत्र पर अवश्य लिखें। रोल नं0 के अतिरिक्त प्रश्न-पत्र पर अन्य कुछ भी न लिखें और वैकल्पिक प्रश्नों के उतरों पर किसी प्रकार का निशान न लगाएं।

Candidate must write their Roll No. on the question paper. Except Roll No. do notwrite anything on question paper and don't make any mark on answer of objectivetype 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.

#### Instructions

All questions are compulsory

Question no 1 and 3are 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. 16to 30 are MCQ/ One Word/ Fill in the Blank type's questions carrying one marks each

#### **Long Answer Types of Questions**

 $3 \times 5 = 15 \text{ Marks}$ 

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.

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- 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**

 $6 \times 3 = 18 \text{ Marks}$ 

- 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**

 $6 \times 2 = 12 \text{ Marks}$ 

- Q:-10. Which electrical points should be earhthed?
- 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 proper	ties and applicati	ons of copper and	aluminium.
Q:-14. How will you i	Or dentify copper ar	nd aluminium on th	ne basis of colour?
-			ic basis of colour.
Q:-15 Describe any th	ree methods of w	ater conservation.	
	or		
Q:-15 Describe any th	ree methods of w	rater conservation.	
	[S	ection-D]	
Objective Types Q	uestions		15x 1 = 15 Marks
Q:-16 Every metallic e	lectrical pole mu	st 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 l	oulb (d) hanging a fan
Q:-18 Two-way switch	h is used for		
(a) controlling on	e bulb from 2 poi	ints	
(b) controlling tw	o bulbs from 2 pe	oints	
(c) controlling mu	ıltiple bulbs from	2 points	
(d) controlling on	e bulb from one J	point	
Q:-19. For consumer r	neters	•	
(i) it is the respon	sibility of the lice	ensee to record the	metered data.
(ii) the licensee sh	nall maintain acco	ounts for the electr	icity consumption.
(iii) the licensee s	hall provide real	time display unit a	at the consumer premises.
(a) all of the abov	re	(b) Only	y (i) and (iii)
(c) Only (i) and (i	i)	(d) Only	y (iii)

Q:-20. Which of the below mentioned character	istics of the seal used is/are correct?							
(i) Seal is not a lock								
(ii) Seals are used to detect unauthorised ent	try							
(iii) Seals are a means of security and safety	(iii) Seals are a means of security and safety for meters							
(iv) Seals can be made of lead, metal, engine	eering plastic, etc.							
(a) Only (iii) (c) Only (i) Q:-21 Which of these are open-ended questions?	(b) Only (i) and (iv) (d) Only (iv)							
(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:-23Dressing and grooming are important becau	-							
(a) smart	(b) untidy (d) All of the above							
(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	e True or False							
Email cannot be sent to more than one pers	son at a time.							
Q:-26. State whether the following statements are	e True or False							
Email is an electronic message sent over the	e Internet ora computer network.							
Q:-27. In Indiameters were use	d in olden times.							
Q:-28. Smart meters use a to ser	nd meter readings.							
Q:-29. Crimping tool is used for	·							
O:-30 In an electric tester bull	h is used							