Answer Sheet

## **ELECTRICAL WIRING SSC-I**

## SECTION - A (Marks 08)

i iiii G ai	lowed. 20 Militates	è
NOTE:	Section-A is compulsory. All parts of this section are to be answered on the question paper itself	
	It should be completed in the first 20 minutes and handed over to the Centre Superintendent	

Circle the correct option i.e. A / B / C / D. Each part carries one mark.  (i) What is the unit of electric power?  A. Voit B. Ampere C. Watt D. Ohm  (ii) How many terminals are there in a single way switch?  A. 2 B. 3  C. 4 D. None of these  (iii) How many parts of an atom are there?  A. 3 B. 4  C. 5 D. None of these  (iv) What is the voit of a dry cell?  A. 0.5 voit B. 1 voit C. 1.5 voit D. 2 voit  (v) How many watts are there in one horse power?  A. 446 B. 546  C. 646 D. 746  (vi) How many parts of a cable are there?  A. 2 B. 3  C. 4 D. None of these  (vii) Where is the phase tester used?  A. On Earth Wire B. On Neutral Wire C. On Phase Wire D. All of these  (viii) How many protons are present in an atom of Aluminium?  A. 3 B. 13  C. 23 D. None of these	it s	hould	is compulsory. All parts of be completed in the first a verwriting is not allowed. Do	20 minutes and I	nanded over to the			
A. Volt C. Watt D. Ohm  (ii) How many terminals are there in a single way switch? A. 2 B. 3 C. 4 D. None of these  (iii) How many parts of an atom are there? A. 3 C. 5 D. None of these  (iv) What is the volt of a dry cell? A. 0.5 volt B. 1 volt C. 1.5 volt D. 2 volt  (v) How many watts are there in one horse power? A. 446 C. 646 D. 746  (vi) How many parts of a cable are there? A. 2 C. 4 D. None of these  (vii) Where is the phase tester used? A. On Earth Wire C. On Phase Wire D. All of these  (viii) How many protons are present in an atom of Aluminium? A. 3 C. 23 D. None of these	Circle	ele the correct option i.e. A / B / C / D. Each part carries one mark.						
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A.   2   D.   None of these		C.	Watt	D.	Ohm			
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		C.	23	D.	None of these			
Total Marks: 08	For E	xamine	er's use only:					
				Total	Marks:	08		

Marks Obtained:

Roll No.		Answer Sheet No	THE REMATE AND THE
Sig. of Candidate:		Sig. of Invigilator:	
		اليكثريكل وانرنگ	
1	انمبر08)	ھتەاۋل (گل	20منٹ
اِ جائے۔ کاٹ کر دوبارہ کھنے کی اجازت ٹیل ہے۔ لیڈ پٹس کا استعال ممنوع ہے۔	از کے حوالے کرد	٥ ـ اس كـ جوابات پرچ پرى دي جائي كـ اس كوپيل جي منت عي كمل كرك ناظم م	منداة للازى ہے
-4	جز و کا ایک نمبر به	لینی الف ا باج ۱ و میں سے درست جواب کے گرد دائرہ نگائیں۔ ہر	إ: وي كح الفاظ
·		تی طاقت کی اکائی کیا ہے؟	رز) (i)
اليميتير	ب-	ف۔ ووك	di
اويم	ر_	ے۔	
		منگل وے سونچ <i>کے کتنے ٹر</i> مینل ہوتے ہیں؟	(ii)
3	ب-	هــ 2	الا
درج شدہ میں ہے کوئی نہیں	_,	4 -0	
		بم کے کتنے متنے ہوتے ہیں؟	
4	•	ف. 3	
درج شدہ میں ہے کوئی تہیں	_,	5 -2	-
		کیے خشک بیل کا برق د باو( دولٹ) کتنا ہوتا ہے؟	
1 وو <i>لث</i>	•	ف. 0.5 وولث	
2 وولٹ	ر_	۵۔ 1.5 وولٹ میں میں سے میں	-
		یک ہارس پاور میں کتنے واٹ ہوتے ہیں؟ 	
546	ب۔	446	
746	-9	﴾۔ 646 پہ کیبل کے کتنے <u>ص</u> نے ہوتے ہیں؟	
2		ب ب <i>بن عے تھے ہو</i> ئے ہیں؟ ف۔ 2	•
3 درج شدہ میں ہے کوئی نہیں	ب۔	ے۔ 2 - 4	
درج سره پیل سےوی پیل	-)	۱ ر فیسٹر کہاں استعال ہوتا ہے؟	
نیوٹرل تار پر		ریه سرمهان مسان انومانیه: ف. ارتها تاریر	
يورن نار پر درج شده تمام		ے۔ ارکھ کار پر )۔ فیز تار پر	
1 000	-7	ہ۔ پومیٹیم کے ایٹم میں کتنے پروٹان ہوتے ہیں؟	
			- \-''')

3 ب- 13 د\_ درج شده میں ہے کوئی نہیں

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08

حاصل کرده نمبر:

مکل نمبر:

برائے متحن :

ئ-



## **ELECTRICAL WIRING SSC-I**



Time allowed: 2:10 Hours Total Marks Sections B and C: 32 NOTE: Answer any six parts from Section 'B' and any two questions from Section 'C' on the separately provided answer book. Use supplementary answer sheet i.e. Sheet-B if required. Write your answers neatly and legibly. SECTION - B (Marks 18) Q. 2 Answer any SIX parts. The answer to each part should not exceed 3 to 4 lines.  $(6 \times 3 = 18)$ Write short notes on AC and DC current. (i) (ii) List the methods of generating electricity. (iii) Write a short note on Cable. (iv) Define Current. (v) Define Secondary Cell. Write a short note on Resistance. (vi) (vii) What is Magnetism? Define Primary cell. (viii) SECTION - C (Marks 14) Note: Attempt any TWO questions. All questions carry equal marks.  $(2 \times 7 = 14)$ Q. 3 Write down the method of Earthing in detail. (07)Differentiate between Series and Parallel circuits. Q. 4 а (04)b. Resistance of 4 ohm, 6 ohm and 12 ohm have been connected in Parallel with electric pressure of 4 volt. Find the Electric Pressure of the circuit. (03)Q. 5 Draw the electric symbols of the following: (07)Wall socket Coil (i) (ii) (iii) (iv) Chock Volt metre (v) Resistance (iv) Regulator (vii) Battery حقه دوم (مكل نمبر 18) سوال نمرا: مندرجرذیل میں سے کوئی سے جو (06) اجزاء کے تین سے چارسطروں تک محدود جواہات کھیں: (6x3=18)برقی روپیدا کرنے کےطریقوں کے نام کھیے۔ اےی اور ڈی بی برتی رو مخضرنوٹ کھیں۔ (ii) (i) کیبل رمخضرنوٹ تحریر سیجھے۔ كرنث كي تعريف سيحجه ـ (iii) مزاحمت برمخضرنوث ككصيب سينڈري پيل کي تعريف سيحے۔ (v) (vi) (viii) برائمرى يىل كى تعريف سيجيمه مقناطیست کیاہے؟ (vii) حته سوم (کل نبر 14) (کوئی سے دو سوال حل سیجے مقام سوالوں کے نبر برابر ہیں۔) (2x7=14)سوال نمبرس: ارتھنگ کاطر بقة تفصیل ہے تکھیں۔ (7) سوال نمبریم: الف۔ سیریز اور پیرالل سرکٹ میں فرق واضح سیجے۔ (4) 4 اوہم 6، اوہم اور 12 اوہم کی تین مزاحموں کو 4 وولٹ کے برقی دباؤیر متوازی لگایا گیا ہے۔ سرکٹ کا برقی دباؤ معلوم کیجے۔ (3)سوال نمبره: مندرجه ذیل کی برقی علامات بنا کمن: (7)چوک وولب ميثر (ii) (i) (iv) (iii)

(iiv)

بیٹری

ريگوليثر

(vi)

مزاحمت

(v)