

Time allowed: 3 Hours

Maximum Marks 100

Books allowed:

As per syllabus issued vide Office Order No.23/Exam.120/Vol.3 dated 16.5.2014.

Note:

- ❖ Attempt all the questions and part of a question must be attempted continuously at one place.
- ❖ Support your answer with relevant rules/regulations.
- ❖ Rough work should be done on the space provided for in the answer sheet at Page-2.
- ❖ Missing data, if any, be assumed but must be indicated specifically in the answer.

Q.No.1 (a) Discuss the general principles and restrictions relating to the expenditure.

b) Differentiate between

- i) Administrative approval & Technical sanction.
- ii) Issue rate and Market rate.

Marks 10+10=20

Q.No.2(a) Define IUT Bill. How it is prepared? Discuss the classification of Inter Unit Accounts.

b) Indicate the Account Head

- i) 23.501
- ii) 28.621
- iii) 28.870
- iv) 42.100
- v) 44.320

Marks 10+10=20

Q.No.3(a) What is the procedure for recording measurement in the measurement books? How the checking and scrutiny of measurement books is made?

b) Define repair. Name various kinds of repairs.

Marks 12+8=20

Q.No.4(a) Discuss various kinds of tenders as per works regulation.

b) Write short note on

- i) Two part bid.
- ii) Three part bid.

- c) Who is competent authority to blacklist a firm or suspend business dealing with firm as per Purchase Regulation?

Marks 10+6+4=20

Q.No.5(a) Discuss Technical & administrative nature duties of SDO/AE/AEE.

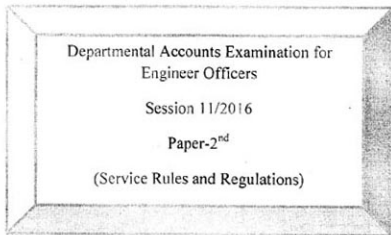
- b) Define bench marking as per Works Regulation.
- c) Name the firms that are exempted to deposit E.M. deposit with tender for purchase of material.

Marks 10+4+6=20

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Roll No. \_\_\_\_\_



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Paper-II (Service Rules and Regulations)

Time Allowed:3 Hours

Marks:100

NOTE:

- (i) Attempt all questions and part of a question must be attempted continuously at one place.
- (ii) Missing data, if any, may be assumed, but must be indicated specifically in the answer.
- (iii) Rough work should be done on the space provided for in the answer sheet at Page-2.

1. (a) What are the instructions regarding grant of Ex-Gratia to family of deceased employee ?
- (b) Explain invalid pension ?
- (c) How many refundable advances can be granted to employee during service & which advance is in addition to refundable advances ?

10+5+5=20

2. (a) For what purposes non-refundable advances can be given to employees. Explain in detail ?
- (b) Powers to accord sanction for expenditure for function/exhibition on Republic/Independence day under Delegation of powers ?

15+5=20

3. (a) What are the conditions for child care leave to female employees ?
- (b) How much advance can be given to employee for medical treatment. Explain in detail ?
- (c) You are Sr.XEN of division. Draft a letter for ensuring timely submission of defaulting amount to sub divisions.

10+5+5=20

4. Explain the following :
- a. Adoption Leave
  - b. HRA in lieu of Rent Free Accommodation
  - c. Connection with Press or Radio
  - d. Special increment to all Group-D employees

4 X 5 = 20

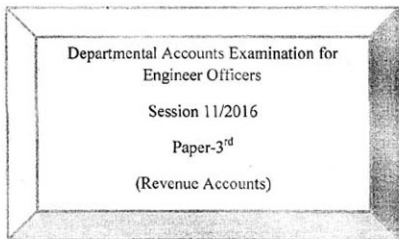
5. (a) Explain procedure of imposing major penalty under punishment & appeal regulations.
- (b) Fix the pay :  
 IM joined the service on 13.7.1997 and promoted as JE-2 on 5.9.2013. Fix the pay up to date assuming induction post as IM and he is eligible for 1<sup>st</sup> & 2<sup>nd</sup> TBS as Lineman.

10+10=20

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Roll No. \_\_\_\_\_

(1)



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- Q.1. (a) A person who has unauthorized occupant of Govt. land applied for a domestic electric connection on dated 01.04.2016 – Comment. (Marks 5)
- (b) What is procedure to refund the amount pertaining to audited period? (Marks 5)
- (c) Calculate connected load of an industry:-
- |   |  |
|---|--|
| 1. Electric Motor (Single phase)  | 4 BHP  |
| 2. Electric Motor (Three phase)   | 50 BHP   |
| 3. Power socket (3 phase)   | 05 No  |
| 4. Power socket (1 phase)   | 03 No (including one used<br>For AC given below) |
| 5. A.C. (without rating)  | 05 No.   |
| 6. Light Points   | 41 No.   |
| a) Out of these, one light is used for<br>10 Nos. Yard lighting tubes 100W each.      |  |
| b) Out of these, 20 light points are used<br>For CFL Lamp of 15W each.                |  |
| 7. 2No. Welding Sets used for repair and<br>Maintenance of factory (4.25KW and 8.5KW) |  |
| 8. Fan  | 15 No's  |
| 9. Wall socket  | 10 No.<br>(one used for computer<br>UPS 0.60KVA) |
| 10. Two Motors are used with approved<br>Change over switch (15 BHP & 25 BHP)         | (Marks 10)                                       |

- Q.2 (a) 15 connection having 1500 KW load and 1500 KVA CD was released on 01.01.2015. Permission to run 1250 KW load during PLH was granted by the competent authority for 6 months w.e.f. 01.04.2015. Sr. XEN/MMTS down loaded data of meter on 15.06.2015 and 15.09.2015. As per print out following load was running during different times & dates:-

Time	<u>10.06.2015</u>	<u>14.06.2015</u>	<u>20.06.2015</u>	<u>05.09.2016</u>	<u>10.09.2016</u>
18.00	1340	-	1320	-	1250
18.30	1340	-	1320	-	1250
19.00	1340	-	1320	-	1290
19.30	1340	-	1320	-	1290
20.00	-	-	-	-	-
20.30	-	-	-	-	-
21.00	-	-	-	1350	-
21.30	-	-	-	1350	-
22.00	-	1360	-	1350	-

Work out amount of penalties due to violation in PLHR period when timing at PLHR are as under:-

November, December and January	=	1800 to 2100 hrs.
February, March, September & October	=	1830 to 2130 hrs.
April to August	=	1900 to 2200 hrs.

(Marks 12)

3

- (b) Whether amount assessed under section 135 can be deposited in installments? If yes under what condition amount can be deposited in installments. Whether supply can be restored on the payment of 1<sup>st</sup> installment? (Marks 8)

- Q.3 (a) HT consumer having load of 1000 KW is found indulging in UUE U/Section 126 of the Electricity Act-2003, which authority has been designated as Assessing Officer to make assessment of charges payable by the consumer? Also mention the appellate authority U/S 127 in this case (Marks 5)

(b) What are remedies with consumer if he received the energy bill for excessive consumption? (Marks 7)

(c) Calculate Peak load exemption charges:

Sanctioned load/CD	=	2000KW/2000KVA	
Peak allowed w.e.f.	=	01.01.2016 – 1500 KW	
Reading date old	=	01.04.2016	
Reading date new	=	30.04.2016	(Marks 8)

- Q.4 Prepare a LS consumer bill for the month of 3/16 of M/s A to Z Ltd. Opted for TOD tariff:-

Kind of industry	Cotton spinning & weaving
Supply voltage	11KV
Sanctioned load/CD	2199.64 KW/1800 KVA
Continuous process demand	1000KVA
Line CT ratio	100/5 AMP
Meter CT ratio	5/5 AMP
Meter own multiplier	1.00
Peak time units	9440
10 PM to 6 AM units	13560

Meter Reading	Old (29.02.2016)	New (31.03.2016)
KWH	281240	286304
KVAH	282931	287999
MDI	19.020	19.840

(Marks 20)



Q.5

(a) what is minimum standard for replacement of burnt meter and release of new connection feasible from existing network? Also mentioned the amount of compensation payable in case of violation. (Marks 5)

(b) Define Electrical Capacitor. (Marks 7)

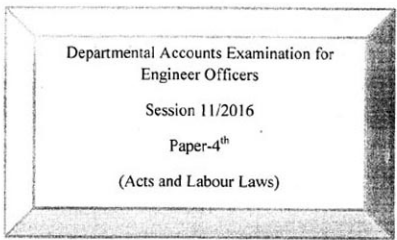
(c) Prepare a bill of PSPCL employee having BP=22870 & GP=5450 at spot billing scheme from the following particulars:-

Sanctioned Load	8.98
Meter	Single phase
Reading	
New (16.03.2016)	26509
Old (22.01.2016)	25474

(Marks 8)

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SESSION -11/2016  
ENGINEER OFFICERS  
(ACCOUNTS AND LABOUR LAWS)  
PAPER-4

1.
  - a. How the enterprises are classified under the Micro, small and medium enterprises development act 2006
  - b. Describe the provision regarding the supply of electricity supply code by the PSERC.
  - c. Describe the power of the State Government to declare different departments to be separate factories or two or more factories to be a single factory under the Factories Act 1948.  
Marks : 10+5+5=20
  
2.
  - a. Describe the Objectives of Central Council under the consumer protection act 1986.
  - b. The inspector of factories objected the working of the women near the cotton openers. Comment with reference to the relevant provisions of the act.
  - c. Name the factories where it is necessary to employ the safety officer?  
Marks: 10+5+5=20
  
3.
  - a. Describe the provisions regarding attachment of compensation admissible under Workmen compensation act 1923.
  - b. Describe the penalty for Contravention of Provisions of the Act or any order or direction issued there under, for which no penalty has been elsewhere provided in Air (Prevention and Control of Pollution) Act, 1981.
  - c. When an employer is not liable for compensation under the Workmen Compensation Act 1923?  
Marks : 5+5+10=20
  
4.
  - a. Define 'Dependent' under the Workmen Compensation act 1923
  - b. When an offence is committed by the Govt. Department who will be liable to guilty of offence under the Air (Prevention and Control of Pollution) Act, 1981.  
Marks: 10+10=20
  
5.
  - a. What are the powers and functions of the State Information Commission?
  - b. Describe the objective of Electricity Act 2003.  
Marks: 15+5=20