

TR/SR(EL)/JUNE/17

**Departmental Examination of Engineering Officers
June – 2017**

**SIMPLE RULES (Electrical)
(Without Books)**

Full Marks – 100

Time – Three hours

The figures in the margin indicate full marks
for the questions.

1. Attempt any *ten* questions : $2 \times 10 = 20$

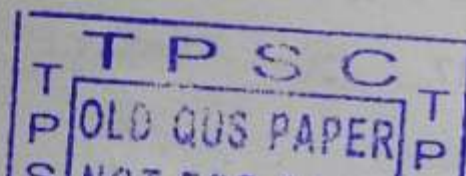
Select the correct/best option from the multiple
choices given under each question and write it
down on the answer sheet.

(a) Special casual leave may be granted to
departmental staff to sit for

(i) Competitive examination

(ii) Obligatory examination

(iii) Combine Services examination.



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(b) A government residential quarter allotted to an officer may retain at normal licence fee after death for

- (i) 2 months (ii) 4 months (iii) 12 months.

(c) Recurring and non-recurring payment granted to a government servant from the Consolidated Fund of a State as remuneration for special work of an occasional means

- (i) salary
(ii) special pay
(iii) honorarium.

(d) Temporary post means a post carrying a definite rate of pay sanctioned for a

- (i) unlimited time
(ii) limited time
(iii) tenure post.

(e) Those government servants who are entitled to rent free accommodation and are allotted an accommodation of type higher than their entitlement on their own request, license fee to be charged of flat rate

- (i) 2 times (ii) 3 times (iii) 4 times.

(f) An officer under suspension will get subsistence allowance. When first review is made?

- (i) at the end of 12 months
(ii) at the end of 6 months
(iii) at the end of 3 months.

(g) If a government servant under suspension dies before the disciplinary proceedings is over, then his family should get

- (i) subsistence allowance from the date of suspension
(ii) full pay and allowance from the date of suspension
(iii) 75% of full pay.

(h) An officer who does not join to his place of posting within his joining time will be treated as

- (i) leave (ii) misbehaviour (iii) no pay.
(i) Period of training before appointment to be treated as
(i) waiting (ii) leave (iii) duty.

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(j) A government servant to hold on regular basis, either immediately or on the termination of a period or period of absence including tenure. Post to which he has been appointed on regular basis means

(i) deputation (ii) lien (iii) transfer.

(k) Admissibility of interim relief during suspension of a government officer at first stage is

(i) full salary

(ii) 50% of salary and allowances

(iii) 50% of salary but no allowances like DA/HRA/CCA.

2. Attempt any *four* questions : $4 \times 5 = 20$

(a) How the night halt allowance during travelling by JE/Lineman is governed ?

(b) What do you mean by "Local journey" ? How TA is regulated ?

(c) What are the general conditions of admissibility of TA/DA on journey on transfer ?

(d) How TA/DA is governed when free government conveyance is used on transfer ?

(e) What is the basis for gradation of re-employed pensioners for the purpose of TA ?

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3. Attempt any *two* questions : $2 \times 5 = 10$

(a) What steps are to be taken for approval before setting up a factory ?

(b) State the conditions to be fulfilled for disposal of trade wastes and effluents.

(c) State at least three means which are to be provided to escape in case of fire in a factory.

4. Answer *all* questions : $2 \times 5 = 10$

(a) What are the main duties of employee as per Rule-3 of conduct rules ?

(b) Asking for / accepting "TIPS" is derogatory. —Explain.

5. Answer any *five* questions : $5 \times 2 = 10$

(a) Who can give expenditure sanction for works/projects with power ?

(b) What is the power for local purchase of stores not borne by DGS&D in case of (i) Assistant Engineer (ii) Executive Engineer (iii) Superintending Engineer ?

(c) What are the norms to call restricted tender ?

(d) How Lower Purchase Committee is formed ? Mention its maximum power.

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(e) What are the powers to undertake deposit works at full rate of departmental charge in case of Superintending Engineer and Executive Engineer?

(f) Who are the members of 'Work Advisory Board'? Mention its power to approve the works/purchase.

6. Answer any five questions : $2 \times 5 = 10$

(a) What do you mean by "wheeling" in transmission system?

(b) How a captive generation can be functioned?

(c) What is RLDC? State at least three functions of it.

(d) What do you mean by unauthorised use of electricity?

(e) What will be the punishment if any person dishonestly uses electricity?

(i) less than 10 kW

(ii) more than 10 kW?

(f) What do you mean by "Electric Supply Code"?

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7. Answer any five questions : $5 \times 2 = 10$

(a) State the minimum clearance to be maintained between :

(i) medium voltage and 11 kV line

(ii) 33 kV line to 132 kV line.

(b) What regulation to be maintained by supplier in case of medium voltage and high voltage?

(c) What is the rule for unused overhead lines?

(d) What is the time line for shifting of meter /existing service connection?

(e) How the billing is done in case of excess load found?

(f) State the minimum clearance to be maintained from ground in case of 11 kV lines and 132 kV line.

8. Answer the following questions : $2 \times 5 = 10$

(a) Load enhancement of a building can be done following some procedure. What is the procedure?

(b) How a security deposit amount is determined to extend service connection?

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