

Question paper for the post of Tech - III (Fitter)

Time 03 Hrs

Max Marks : 100

Q.No.1 Match the following

- i 0 volt
- ii .95 volt
- iii - 15 volt
- iv Cell for AC coaches
- v Cell for TL coaches

- a 120 AH monoblock cell
- b 1100 AH cell
- c Low voltage cell
- d Reverse cell
- e Dead cell

(10)

Q.No.2 Fill in the blanks

- 1 SPG of full charged cell is _____
- 2 Full charged cell voltage is _____
- 3 Size of fuse wire of FDB is _____
- 4 Battery fuse size of TL coaches is _____
- 5 There are _____ cell in battery of TL coaches

(10)

Q.No.3 True or False

- 1 5 KW alternator used for TL coaches
- 2 25 KW alternator used for AC coaches
- 3 There are 4 + 4V belts in TL coaches
- 4 While insertig V belt care should be taken that make and batch of the belt are the same
- 5 The latest carriage fan BLDC
- 6 TL SG coaches works on 24 volt at present
- 7 There is no need of cells in EOG coaches
- 8 Castle nut is part of alternator
- 9 Safety chain is a safety item
- 10 The voltage generated by alternator on TL coaches is 130 volt
- 11 Working of Staff Pass through train staff is for noting the no. of trains
- 12 TKC wire sgould be kept in station duty room
- 13 There are four position of rotory switch in TL coaches
- 14 Make of RRU bolt is exide
- 15 Make of Alternator is Amar Raja

(15)

16/18

(11)

Q.No.4 Write down the abrivetions

- | | |
|----------|---------|
| 1 DRM | 9 DEE |
| 2 Sr.DEE | 10 ADEE |
| 3 SSE | 11 ACCA |
| 4 TL | 12 ACCM |
| 5 AC | 13 TLF |
| 6 RRU | 14 GCMC |
| 7 TKC | 15 NWS |
| 8 ADRM | |

(15)

Q.No.5 Which langauge is accepted as Rajbhasha by Govt of India . Please give your opinion to promote Rajbhasha

(10)

OR

Write an essay in about 150 words on any one of the topics

1 Indian Railway and its development

2 ~~Contution~~ Contribution of technical people in development of the country

Q.No.6 Explain the equipments fitted in TL coaches for operation of light and fans

(10)

Q.No.7 Write down the procedure to detect the leakages in TL coaches and the remedial action for leakages

(10)

Q.No.8 Explain the working of alternator , battery and RRU in TL coaches

(10)

Q.No.9 Write down the maintainance and maintainance schedule of the battery

(10)

OR

Explain the safety items pertaining undergear of TL coaches