Date: 19.4.2003 Marks: 100

Time: 3 Hrs.

Note: All questions are compulsory. 1/4th mark of Q.No. 1 A&B and Q.3 A will be deducted for each wrong answer of objective type question.

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Q. 1 A Fill up the blanks:	(10)
i) During the shunting of a Coaching train at least of the wagons should be on vaccum.	
ii) Angle cock will be kept for apolying the brake.	
iii) The overall incharge of the shunting operation is	
iv) yards are gradually being phased out.	
v) The life of detonator on branchline is	
vi) Home signal is a signal.	
vii) is needed for sunting in the block section	k
viii) Jhansi falls in Zone.	
ix)Prevents side collission in a yard.	
x) The speed during shunting with 2 box wagons should not be more than	i
B. Expand the following-	(10)
a) PCDO b) IOC c) TNC d) CTR e) ET f) TAE	
g) CWS Fig h) BOK i) Sr. DME j) GC	
	<b>(0</b> 0)
Write short notes.	
1. Tail Lamp 2. Shunting on gradient	
3. Shunting in the block section.	
4. Calling on Signal.	
A. True or False (T/F)	(10)
a lange about ind	
i) T 369 B is used during shunting. ii) Crank handle is used to operate point.	
ii) Slip's iding is on up gradient.	
ii) Crank handle is used to operate point.  ii) Slip's iding is on up gradient.  iv) BPC is issued by Mechanical Deptt.  v) Derailing switch is not meant for isolation.  vi) The interchange point of Nagpur with Bhusawal is	
v) Derailing switch is not means its busawal is vi) The interchange point of Nagpur with Bhusawal is	
17.97981	
ii) Jabalpur is the HQ of WCR.	
ii) BSLB in no case can determine the station section	
ix) Borkhedi has got an oil tank siding.  x) Hot axle wagon should not be detached.	
B. Discuss the duties of Shunting Master.	(10)
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Q.4. Briefly dis ass Rajbhasha Adhiniyam

(10)

B. Dities of Cabinman/Pointsman while stabling the load.

Q. 5 What are the reasons of derailment in yard? What (20) precautions will you take as a Shunting master to check the drailments? Make suggestions from your side to reduce the incidence of derailment in yeard?