# Railway Recruitment Cell, Secunderabad

Answeis are Marked in Red Circles

# Group - D

#### AB

## Held on 1-12-2013

1213

DO NOT REMOVE THIS SHEET / इस शाँट को न फाहे

Duration : (1½ Hours / 90 Minutes) समय : (1½ घंटे / 90 मिनट)	Exam Code : 1213
No. of Pages / पृष्ठीं की संख्या 80	Question Booklet No. : प्ररन पुस्तिका संख्या : 4024040
अनुक्रमांक Date of Examination :	OMR Answer sheet No OMR उत्तर शीट क्र
परीक्षा तिथि :	Total Marks / ক্রুল স্বেক : 100
•*Candidate's Name / •> परोक्षार्थी का সाम	""Candidate's Signature / ** परोक्षार्थी का हस्ताक्षर
** As given in application to	गाग / ** जैसां अखेदन पत्र में भरा हो

The candidate will first open only the Green seal and read the complete set of instructions carefully/ एरीसाधी पहले केवल हरी सील छोलें और सभी निर्देशों को ध्यान से पढ़ें।

The guestion paper is made up of the following sections as tabulated below :

निम्न तलिकामें दर्शाये अनुसार, इस प्रश्न पत्र को निम्नलिखित भागों में विभाजित किया गया है : 👘

Section/ MPL	Language/मह्य	२ ० ०१ Questions/ प्रस्तों की सं <u>व्या</u>	Pages/पृद्ध		
			From/से	‴∎∕ লক	
Section - I	English	001	8	18	
Section - II	Hindu/ किस्रे	UMC	19	29	
Section - III	Uidu/,,,/	100	30	41	
Section - IV	Telugu/8207	100	<u>42</u>	54	
Section - V	Kanııəda/ಕನ್ನಡ	001	55	66	
Section - M	MaraUni/ਸਹਰੀ	100	67	78	

Write the following 'Paragraph' at the specified place in the OMR Answer-Sheet in your own handwriting

निम्नलिखित ' पैराग्राफ ' को अपनी इस्तर्सिपि में ओ.एम आर. उत्तर पत्रक में दिये गये स्थान में सिर्खे ।

**Paragraph**: Man is born to live and not to prepare to live I don't believe in God but I'm afraid of him. What one writer can make in the solitude of one room is something no power can easily destoy. It is a poor sort of memory that only works backwards. Home is the place where, when you have to go thera, they have to take you in

### INSTRUCTIONS

#### (Please read carefolly and comply)

- 1. Kindly read the complete set of instructions carefully and also see the instructions on the back side of the OMR Answer Sheet and fill the details in the OMR Answer Sheet and Question Booklet
- 2. One paragraph English is given in page 1 Copying of the paragraph in the space provided in the OMR Answer Sheet in your running hand is compulsory. DO NOT USE BLOCK LETTERS
- 3. (a) Question Booklet Serial No must clearly be writhen and marked in the bubbles in the space provided in the OMR Answer Sheet.
  - (b) OMR Sheet No should be written in the space provided in the Question Booklet
- 4. Only after being instructed to open the Booklet, the candidates will open the Blue seal. Check whether the booklet contains 100 questions and start the paper from page no. 8.
- 5. The question paper comprises 100 questions which are available in congruent versions of English, Hindi, Urdu, Telugu, Kannada and Marathi languages. In case of any doubt or confusion, English version shall prevail.
- 6. All questions are of Objective type. I here is only one correct answer to each question carrying one mark. There will be negative marking for wrong answers. FOR EVERY WRONG ANSWER, 1/3 MARK WILL BE DEDUCIED.
- 7. In the event of any mistake in any question/s, candidates will not be penalized However no corrections will be made in question/s during the examination.
- 8. You must use Blue or Black ball-point pen only for answering Altering of answers once entered is not permissible. Enter the answers in the Answer Sheet carefully.
- 9. Rough work, if any may be done in the Question Booklet only in the space provided at the end of the Booklet. No additional paper shall be provided.
- 10. Use of Log tables, Calculator, Slide rule, Mobile phone, Pager, Digital diary or any other electronic item/instrument, etc. is not allowed. Their use will result in disqualification.
- 11. No candidate should leave the examination hall before the final bell. The Original Answer Sheet and Duplicate Answer Sheet should be handed over to the invigilator before leaving the Examination Hall. Those who do not hand over these will be disqualified.

### SECTION - I ENGLISH

- -

1.		hoste of 30 guils ood provisions h			ons for	40 days. (f 30	more gi	n's join the hostel,
	(A)	35 days		30 days	$\bigcirc$	25 days	(D)	20 days
2.	The (A)	book "Indomitat Jhumpa Lahiri	le Spin	it" is wr.t:en by : (B)		hwant Singh		
	(C)	Rajmohan Gan	dhi			A.P.J Abdul Ka	lam	
3.		•		f sold it at a gain I have made a pr			<u> </u>	20% less and sold the article is :
		Rs. 500		Rs. 480		Rs. ¥50	•	Rs 400
4.		vhat rate percent	per an	num compound	intetes	st, will Rs 10,0	0 <b>0 amo</b> u	ent to Rs. 13,310 in
	(A)	8%		10%	(C)	12%	,(D)	15%
5.	Whie	h of the followin	ng is n	ot a Banking/Fit	ance r	elated term ?		
		Credit Wrap	(B)	Diffusion	(C)	EMI	(D)	Held to Maturia y
6.	Wha	t is the least nu	mber v	vhich must be ad	ded to	306452 to mal	ke it a 104	rfect square ?
		460	(B)	462		464	(D)	466
7.	A su	dden fall in the	Barom	etric reading indi	icates :			
	(A)		(B)	Storm	(C)	Hot weather	(D)	Extreme Cold
8.	Which Yout		lowing	g is a Self Emplo	ymen	t Prøgramme f	or Educ	ated Unemployed
	(A)	Prime Minister'	s Roze	зах Ұојла				
	(B)	Swa <b>m</b> a Jayanti	Sahal	kari Rozgar Yojn	a,			
	(C)	National Social	Assist	ance Programme	2			
	(D)	None of the abo	ove					
9.	AIR	eruni came to In	dia wii	th :				
₩ 6.	(A)	Timur	(B)	Babur	(C)	Alexander	$\widehat{\mathbf{m}}$	Mahmud Ghazisi
	1+ 31		(-)					STATES AND

AB	9	1213
10.	PARAVASI BHARTIYA DIVAS-2013 was held at :	
	(A) Jaipur (B) Gandhinagar (C) New Dellıi (D) Kochi	
11.	Which one of the following is an enzyme?	
	(A) Glucagon (B) Insulin (C) Somatropin (D) Trypsin	
12.	Where is Mullaperiyar Dam located ?	
	(A) Tamil Nadu (B) Kerala	
	(C) Karnataka (D) None of the above	
13.	The Jogbani - Biramagar and Jaynagar - Bijalpura - Bardibas lines connect India to :	
	(A) Bangladesh (B) Nepal (C) Myanmär (D) Pakistan	
- •		
14.	If MAITER is coded as TAMRET then BEYOND is coded as:	
	(A) EBOYDN (B) DNOYEB (C) YEBDNO (D) None of the abo	026
15	The Fort at Pulicat was built by :	
	(A) Portuguese (B) British (C) French (D) Dutch	
	Kabinawaa tha Staciala af	
16.	Kabir was the disciple of :         (A) Ramanuja         (B) Ramanunda         (C) Shankaracharya (D) Chaitanya	3
		<b>a</b>
17	A nursery has 5000 plants, 5% of the plants are roses and 1% is marigold. What is t number of other plants?	he tomi
	(A) 4750 (B) 4700 (C) 4250 (D) 4200	
18.	Which of the following is not a Physical change ?	
	(A) Dissolution of Oxygen in water (B) Dissolution of Carbon dioxide in water	r
	Dissolution of sall in water (D) None of the above	
19.	Among the following which is the only snake that builds a nest ?	
	(A) Viper (B) Krait (C) Python (D) King Cob	ra
20.	Which of the following minerals does not contain oxygen ?	
•	(A) Silicates (B) Carbonates (C) Pyrites (D) None of the abo	₽ <b>₽</b> €
	₩ <sub>*</sub>	

, <u>-</u>

10 AB 1213 21. Chand Bibi was the ruler of : (C) Gondwana (D) Warangal Ahmednagar **(A** (B) Bijapur 22 "Parsec" is the unit of measurement of : Density of Stars **(B)** Astronomical distance (A) Brightness of Heavenly Bodies (C)Orbital Velocity of Giant Stors (D)23. Which of the following disease is caused by the bite of a mad dog? Hydroceptecemia **(A)** (B) Hydrocephatus (D) None of the above Hydrophobia The phenomenon of summer sleep by animals is called : 24. (A) Hibernation  $(\mathbf{H})$ Aestivation (C) Salvation (D) None of the above If 15 boys earn Rs 900 in 5 days, how much will 20 boys earn in 7 days? 25. (A) Rs. 1980 **(B)** Rs 1820 (C) **Rs. 1780 Rs.** 1680 (D) 26. The term 'HUF" means Hindu Unified Family Hindu Undivided Family (8) Highly Urbanised Family (D) None of the above 27. The vitamin which is liable to be destroyed during cooking is : (A) Vitamin A **(B)** Vitamin B<sub>6</sub> Vitamin C (D) Vitamin K A fisher nan can row 2 km against the stream in 20 minutes and return in 15 minutes. The 28. speed of current is ? 3 km/hr 2 km/hr (D) None of the above (C) (A) 1 km/hr 29. The first dynasty of the Vijayanagar Kingdom was : (D) Tuluva (A) Hoysala (C) Saluva Sangama (H) 30. In whose reign Sanchi Stupa was built? Ashoka Harshavardhan (C) Kanishka (D) Samudragupta (B) "SWADHAR" is a scheme of Government of India for : 31. Unique identification number **(B)** Self employment scheme for youth (A) **(C**) Women in difficult circumstances (D) Old age pension

- 32. Legislation of Widow Remarriage in India was first secured by :
  - Pandit Ramabai (A)
  - Maharshi Karve (C)

Ishwar Chandra Vidyasagar

- Rajaram Mohan Roy (D)
- Japanese Encephalitis is spread by : 33.
  - Contaminated water (A)
  - (C) Dog Bite

Air (B) Mosquito

**(B)** 

- What does AICIE stand for ? 34.
  - (A) All India Council for Technical Education
  - (B) All India Centre for Technical Education
  - (C) All India Centre for Training and Education
  - None of the above (D)
- 35. The Nagarjuna Inscriptions provide information about :
  - **(B)** Buddhism (A) Jainism None of the above Brahmanism (C)(D) The Sualkuchi Textile Park is located in which state of India ?

36. Karnataka Jammu and Kashmir (A) **(B) (**D**)** Meghalaya

- Assam
- Prohibition of discrimination on grounds of religion. race, caste, sex or place of birth is 37. mentioned in :
  - (A) Article 14
- Article 15
  - (C) Article 16
- (D) Article 17
- The Characteristic feature of Virus is : 38. It multiplies only on hosts (A) It multiplies only on dead animals **(B)** It is made up of fats (C) It lacks chlorophyl The bacterial conversion of Nitrogen into Nitrogen Compounds is called : 39 Nitrogenation **(B)** Nitrogen Fixation Fertilisation None of the above (D) 40. PON, ROP, ISR. VUT, ? (A) WUY, YXZ UWV, ZXY XWV. ZYX **(B)** (C) UVW, ZYX

1213

- 41. The term "Moderate" cannot benised to describe :
  - (A) Gopal Krishna Gokhale (B) Dadabhai Naoroji
  - (C) Pheiozshah Mehta

- (D) Bipin Chandra Pal
- 42. A body is dropped from a certain height above the ground. When it is half way down, it possess.
  - (A) Only Kinetic energy
    - Image: Image:
    - (C) Both Kinetic and Potential energy
    - (D) Neiliter kinetic nor Potential energy

43. A number whose double is 45 greater than its half is:
(A) 50
(B) 45
(C) 40 1
(D) 30
44. Jude Felix is a famous Indian player in which sports ?
(A) Football
(B) Hockey
(C) Swimming
(D) Badminton

45. Baikonur Cosmodrone, the space launch facility, is located in : (A) Russia (B) Kazakhstan (C) Kyrgyzstan (D) Uzbekistan

46. An Ant can see the objects all around it due to the presence of

- (A) Simple eyes (B) Eyes over its head
- (C) Well developed eyes (D) Compound eyes

47 What is the volume of a cube whose surface area is  $150 \text{ m}^2$  (metre square)?

- (A) 1125 cubic metres (B) 225 cubic metres
- (C) 125 cubic metres (D) None of the above
- 48. Which canal connects Meditemanean Sea with Red Sea ?
  - (A)Corinthian canal(B)Grand canal(C)Panama canal(O)Suez canal
- 49. Which of the following features and their source is wrongly matched ?
  - (A) Judicial review British Practice
  - (b) Concurrent list Australian Constitution
  - (C) Directive principles Irish Constitution
  - (D) Fundamental Rights US Constitution

Where is Almath Dam located ?

- (A) Himachal Peaciesh<sup>\*</sup> (B) Uttarakhand (C) Karnataka (D) Tamil Nadu
- 51. Which of the following nome/term is NOT associated with the World Trade Organisation (WTO) ?

13

- (A) SEWA (B) UNCTAD (C) GATT (D) GATS
- 52. Which of the following is NOT a condition for becoming citizen of India ?
  - (A) Birth (B) Acquiring property (C) Descent (D) Naturalisation
- 53 Antibiotic pencillin act against bacterial by :
  - (A) Killing the bacteria
  - (8) Neutralizing the bacteria
  - (C) Blocking biochemical pathways important for bacteria
  - (D) None of the above

54. Who laid the foundation of Portuguese power in India ?

- (A) Vasco de Gama
- (B) St Thomas
- (C) Bartholomew Dias (D) Alfonso-de-Albuquerque
- 55. Fiscal Deficit is :
  - (A) Gap between the value of Exports and Imports
  - (B) Gap between total receipts minus external borrowings
  - (C) Gap between total expenditure and total receipts of the government
  - (D) None of the above

56. A person will have black, brown or blue eyes depending upon the pigment present in the :



- 57. In a Parliamentary form of government, real powers are vested in :
  - (A) President
  - (B) Parliament
  - (C) Judiciary
  - O Council of Ministers headed by the Prime Minister

50.

121	3		14	4 AB	
58.	The	frequency of sound waves can be	<b>e</b> xpres	essed in :	
	(A)	Second	<b>(B)</b>	Cycle	
	(C)	Cycle per second		Metre per second	
59	CE,	FI, <b>JL, MP, QS,</b> ?			
	(A)	TV, WY <sup>2</sup> (B) TV, XY		(C) TW, XZ (D) TV XZ	
60	Wha	t does DBMS stand for ?			
	(A)	Database Maintenance System	(8)	Database Management System	
	(C)	Digital Base Management Syster	n (D)	None of the above	
61.	Whe	re did the G 20 summit held in Se	ptemb	nber 2013 take place ?	
	(A)	St Petersburg (B) St Helena	3	(C) Brussels (D) New York	
62.	Whi	ch book was written by Dadabliai	Naoro	oji on Poverty and economy under British rule ?	
	(A)	Indian Economy under British ra	aj	(B) British Rule and Drain of Wealth	
	©	Poverty and Un British Rule in I	ndia	(D) None of the above	
63.		six months long day in the Nort hem Polar region because	hern I	Polar region and six months long night in the	
	(A)	Revolution of the Earth	(8)	Earth is inclined towards its orbital plane	
	(C)	Rotation of the Earth	(D)	None of the above	
64.	'SLII	NEX' is the joint naval exercise be	lween	1:	
	(A)	India - Maldiv es	<b>(B)</b>	India - Sri.Lanka	
	(C)	India - Säigapore	(D)	India - South Korea	
65.		first astronomical observatory of I wing ancient sites ?	łarapp	pan Civilization has been found at which of the	
	(A)	Ropar	<b>(B)</b>	Daimabad	
		Dholavira	(D)	None of the above	

34

66. Which among the following processes does not add suspended particulate matter to air ?

Burning of Fuels

Usage of air conditioners (B) **(A)** 

1213

Paper Industry (D) Combustion of coal

AB	15 1	<b>213</b>
67.	Hampi is situated on the banks of which River ?	
	(A) Kriishna (B) Cauvery (C) Tungabhadra (D) Godavari	
68.	The latest country (193rd) to become member of United Nations is :	
	(A) Eretria (B) Republic of South Sudan	
	(C) Bosnia and Herzegovina (D) None of the above	
69.	The Indian Constitution is regarded as 1	
	(A) Unitary (B) Federal	
	(C) Parliamentary (D) Federal in form and Unitary in spirit	
70.	336. 224. 168. 140. 126. ?	
3.0+	(C) 116 (D) None of the above	
71.	<ul> <li>Sachar Committee is related with :</li> <li>(A) Social, Economic and Educational status of Muslim Community in India</li> <li>(B) Social, Economic and Educational status of Scheduled castes in India</li> <li>(C) Social, Economic and Educational status of Scheduled Tribes in India</li> <li>(D) None of the above</li> </ul>	
72.	Who gave the title 'Sardar' to Vallabhbhai Patel ?	
	(A) J.L. Nehru (B) M.K. Gandhi	
	(C) Maulana Azad (D) Sarojini Naidu	
73.	Hyder Ali consolidated his position after being appointed the Faujdar of :	
	(A) Arcot (B) Dindigul (C) Budikot (D) Devanhalli	
74	Who is the Chairman of Fourteenth Finance Commission of India?	
	(A) Sushma Nath (B) Bimal Jalan (C) YV. Reddy (D) Subba Rao	
75.	What is the title of the seventh and final book of Harry Potter series ?	
	(A) Harry Potter and the Half Blood Phase	
	(B) Harry Potter and the Goblet of Fire	
	(C) Harry Potter and the Deathly hallows	
	(D) Harry Potter and the Philosopher's Stone	

1213					16					AB
76.	0 016	5 <b>9</b> ÷ 0.013 ≖ ?								
	(A)	0.13	(B)	0.013			13	(D)	13	
77.	Birsa	Munda stadiur	n is loc	ated in :						
	(A)	Jamshedpur	(B)	Bilaspur		(C)	Raipur			Ranchi
78.	In a by :	500 m race, the	ratio o	f the speeds	s of A	and B	3 is 3 : 4. A	has a	slart	of 140 ni A wins
	(A)	10 m	(B)	20 m		(C)	30 т	(V)	Nen	e of the above
79.	Wład	ch one of the fol	lowing	is the perio	od of E	leven	h Five Yea	er Plar	17	
	(A)	2006 - 2011	(B)	2007 - 201	12	(C)	2005 \< 20	10	<b>(</b> D <b>)</b>	2008 - 2013
80.	In w set u		llowing	; state Tee	sta Ui	rja 1ły	dzo Powe	er Pro	jects i	s proposed to be
	(A)	Arunachal Pra	ldesh		<b>(B)</b>	West	Bengal			
	(C)	Meghalaya	89	stb		Sikki		20	)n	n
81.		hat price should allowing a disc	-	-	c ●f sh	es w	nich costs	hım R	s 1200	so as to gain 12%
		Rs. 1344	<b>(B)</b>	Rs. 1434		(C)	Rs. 1550		(D)	Rs. 1600
82.	Who	was the first w	noman l	o win Sahi	tya Ac	adem	y Award 3	?		
	(A)	Mahashweta I	Devi		(B)	Maha	devi Verr	na		
(		Amrita Pritam			(D)	Indir	a Goswan	ni		
83.	Whic	h among the fo	llowing	; pairs is w	rong?		Ļ			
	(A)	Nizam Shahis	- Ahm	ednagar	<b>(É)</b>	Adil	Shahis - B	ijapur		
		Barid Shahis -	Вегаг		(D)	Qutu	b Shahis -	Golco	onda	
84.	Gopa	al Hari Deshmu	kh the	famous soc	ial refe	oımer	from Mah	arashi	<del>ra is</del> a	lso known as :
	(A)	Lokmanya	<b>(B)</b>	Atmaband	dhu	(C)	Lokapriya	3		Lokahitavadi
<b>6</b> 5.	Whe	was the first In	dian bo	wler to tak	e Hat	- Trici	s in Test C	ricket	मे न म	
	(A)	Kapil Dev	(B)	Anil Kum	ble	(C)	Ravi Shas	stra:		Harbhajan Sirigh

4024040

AB	1	17	1213
86.	Which among the following statement is N (A) It does not contain liquid (B (C) It is pertable (D	It is heavy in weight	
87.	Substances which despotve in moisture wh	en exposed to it are call	ed ;
	(A) Hygroscopic (B) Efflorescent	(C) Deliquescent	(D) Fluorescent
88.	When is World Environment Day observed (A) 8 <sup>th</sup> March (B) 22 <sup>nd</sup> April	$\frown$	None of the above
89.	10, 14, 25, 55, 140, ?		
	(A) 386 (B) 388	(C) 398 (D)	None of the above
<b>90</b> .	The greatest number of three digits which	is a perfect square is :	
	(A) 981 (B) 971	(C) 964 `	961
91.	Where will the XX Commonwealth games (A) Canberra	be held ? (C) Abuja (D)	Nohe of the above
92	The concept of "Welfare State" is defined i	in:	
	(A) Preamble (B)	•	
	(C) Directive Principles (D	) Fundamental Duties	;
93.	A train 270 m long is moving at a speed of opposite direction at a speed of 2 kmph in	-	s a man coming from the
	(A) 24 sec (B) 30 sec	(C) 36 sec (D)	None of the above
94.	A body at rest can have :		
	(A) Speed (B) Velocity	(C) Momentum	(D) Energy
95.	A swimming pool is 20 m long 15 m wide the floor and wall of the pool at the rate of	•	- 0
	(A) Rs. 17,250 (B) Rs 15,720	(C) Rs 12.750 (D)	None of the above
96.	A number consists of two digits whose su digits are reversed. The number is :	um is 9 If 27 is subtrac	ted from the number, its
	(A) 72 (B) 63	(C) 45 (D)	None of the above

ه

