## National Council of Science Museums Block GN, Sector V Bidhan Nagar, Kolkata

## Aptitude Test for the post of Office Assistant Grade III

Date: 0	9.11.2023		Full Marks:-100	
Roll No			Time allowed:-2 hours	
		Name of the cand	lidate:	
		Signature of the o	candidate:	
		Signature of the I	nvigilator:	
Genera	l Instructions:-			
2. 7 c 3. F	To answer object question paper it For answering D	self from the 4 alternescriptive type quest	It a ( $\sqrt{\ }$ ) mark on the correct answer in the natives given below each question. ion, use a sheet to be given separately. The examination hall.	
A. RI	EASONING		(1 X 20=20 marks)	
01.	In each of th from given al		ns, select the related number/word	
	125:25::2	7:?		
	a) 3		b) 18	
	c) 9		d) 127	
02.	Ohmmeter :F	eter :Resistance ::Zymometer: (?)		
	a) Density		b) Fermentation	
	c) Viscosity		d) Radiation	
03.	Cruel : Kind	::Lethargy : (?)		
	a) Shrewd		b) Interest	
	c) Alertness		d) Sharp	
04.	Find out the	wrong number in t	the sequence:	
	56, 58, 62, 7	0, 84, 118, 182		
	a) 58		b) 62	
	c) 84		d) 118	

05. From the following question, select the one which is different fro other options;		select the one which is different from the
	a) Kennel	b) Coop
	c) Den	d) Oar
06.	Find out the missing ter complete the series;	rm from the following alternatives to
	22, 24, 28, ?, 52, 84	
	a) 36	b) 38
	c) 42	d) 48
07. Find out the missing number complete the series;		mber from the following alternatives to
	08, 11, 15, 18, 22, 25, 2	29, ?
	a) 36	b) 35
	c) 32	d) 34
08.	Select the one which is	different from the other three responses :
	a) Buffalo	b) Cow
	c) Lamb	d) Goat
09. In a certain code, RUST is coded as 1853, UNCLE as 846 BOY as 129. How will STYLE be coded?		•
	a) 53790	b) 56431
	c) 50267	d) 53970
10.	10. Find out the missing number in the sequence 01, 5, 13, 25, 41, (?)	
	a) 51	b) 57
	c) 61	d) 63
11.	'School, is related to 'Ed related to:	ucation' in the same way as 'Hospital' is
	a) Treatment	b) Doctor
	c) Patient	d) Nurse

12.	Seema was born one year after her mother's marriage. Her father is two years elder than her mother but twenty-five years older than Seema, who is six years old. At what age did the mother get married?		
	a) 22 Years	b) 25 Years	
	c)21 Years	d) 31 Years	
13.	A, B and C are sisters. D is the brother of E. E is the daughter of B. How is A related to D?		
	a) Sister	b) Aunt	
	c) Niece	d) Cousin	
14.	From point A Ravi walked 15 km towards the South, took a right turn and walked 10 km and again took a right turn and walked 20 km, reaching point B. In which direction does point B lie in relation to point A?		
	a)Northwest	b) West	
	c) North	d) Southwest	
15.	Which one of the following words the word EXAMINATION?	s can be formed using the letters of	
	a) Animation	b) Nations	
	c) Exminer	d) Animal	
16.	If each of the odd digits in the number 54638 is decreased by '1' and each of the even digits are increased by '1', then which of the following will be the sum of the digits of the new number?		
	a) 27	b) 29	
	c) 25	d) 28	
17.	In a certain code SHEEP is written as GAXXR and BLEAT as HPXTN How is SLATE written in that code?		
	a) GPXNT	b) GPTXN	
	c) PTGXN	d) GPTNX	

18.	Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it? $d_n_n = n n d m n$		
	a) m d n m n	b) d m n n m	
	c) m n d m n	d) m n n d m	
19.		r than D. C is taller than D but shorter Tho is the tallest among them?	
	a) A	b) C	
	c) D	d) E	
20.	O. Five friends M, K, T, P & N are sitting around a circle facing towa the centre. K is sitting between M & P. N is to the immediate right M. Who is the immediate right of T?		
	a) K	b) P	
	c) N	d) Data inadequate	
В.	QUANTITATIVE APTITUDE	(2 X 15=30 marks)	
21.	If 54 persons can finish a work within 36 days by working 4 hours a day then how many hours per day should 72 persons work to complete that very job within 18 days?		
	complete that very job withi	n 18 days ?	
22.	complete that very job withi  a) 7 hours  c) 6 hours	n 18 days ? b) 8 hours	
22.	complete that very job withi  a) 7 hours  c) 6 hours  How much simple interest w	n 18 days ? b) 8 hours d) 5 hours	
22.	complete that very job withi  a) 7 hours  c) 6 hours  How much simple interest was per annum?	b) 8 hours d) 5 hours vill Rs. 2000/- earn in 18 months at 6%	
22.	complete that very job withi  a) 7 hours  c) 6 hours  How much simple interest water annum?  a) Rs. 120/-  c) Rs. 216/-	b) 8 hours d) 5 hours vill Rs. 2000/- earn in 18 months at 6% b) Rs. 180/-	
	complete that very job withi  a) 7 hours  c) 6 hours  How much simple interest water annum?  a) Rs. 120/-  c) Rs. 216/-  What is the least number to	b) 8 hours d) 5 hours vill Rs. 2000/- earn in 18 months at 6% b) Rs. 180/- d) Rs. 240/-	
	complete that very job withi  a) 7 hours  c) 6 hours  How much simple interest water annum?  a) Rs. 120/-  c) Rs. 216/-  What is the least number to square?	b) 8 hours d) 5 hours vill Rs. 2000/- earn in 18 months at 6% b) Rs. 180/- d) Rs. 240/- o be added to 631 to make it a perfect	
	complete that very job withi  a) 7 hours  c) 6 hours  How much simple interest water annum?  a) Rs. 120/-  c) Rs. 216/-  What is the least number to square?  a) 25	b) 8 hours d) 5 hours vill Rs. 2000/- earn in 18 months at 6% b) Rs. 180/- d) Rs. 240/- o be added to 631 to make it a perfect b) 30 d) 45	
23.	complete that very job withi  a) 7 hours  c) 6 hours  How much simple interest water annum?  a) Rs. 120/-  c) Rs. 216/-  What is the least number to square?  a) 25  c) 36	b) 8 hours d) 5 hours vill Rs. 2000/- earn in 18 months at 6% b) Rs. 180/- d) Rs. 240/- o be added to 631 to make it a perfect b) 30 d) 45	
23.	complete that very job withi  a) 7 hours  c) 6 hours  How much simple interest water annum?  a) Rs. 120/-  c) Rs. 216/-  What is the least number to square?  a) 25  c) 36  What is the 80% of 50% of 2	b) 8 hours d) 5 hours vill Rs. 2000/- earn in 18 months at 6% b) Rs. 180/- d) Rs. 240/- o be added to 631 to make it a perfect b) 30 d) 45	

	more, he would have gained 10%. The cost price of the toy is:		
	a)Rs.30/-	b) Rs.40/-	
	c) Rs.22/-	d) Rs.60/-	
26	The sides of a triangle are in t	the ratio $1/3: \frac{1}{4}: 1/5$ and its	
	perimeter is 94 cm. The length of		
	a) 18.8 cm	b) 23.5 cm	
	c) 24 cm	d) 31.3 cm	
27	7 A, B and C invested Rs. 26000, Rs. 34000 and Rs. respectively in a business. At the end of the year, they earn a of Rs. 3500. B's share of profit is:		
	a) Rs. 1200	b) Rs. 1700	
	c) Rs. 1500	d) Rs. 1900	
28		ours. Shyam alone can do it in 12 orking together can finish the work	
	a) 4.8 hours	b) 4.2 hours	
	c) 6.2 hours	d) 10 hours	
29.	=	speed of 15 km/hour and returns our. His average speed during the	
	a) 11 km/hour	b) 12 km/hour	
	c) 12.5 km/hour	d) 13 km/hour	
30	cos 72°- sin 18° = ?		
	a) 0 c) 1	<ul><li>b) 2 sin 18°</li><li>d) None of these</li></ul>	
31	The perimeter of the floor of a rofour walls of the room, if it's heigh		
	a) $42 \text{ m}^2$	b) 21 m <sup>2</sup>	
	c) 108 m <sup>2</sup>	d) 54 m <sup>2</sup>	

A man sold a toy at a loss of 20%. If he sells the article for Rs. 12

25.

32	An angle is 24° more than is :	its complement. The measure of the angle
	a) 47°	b) 53°
	c) 57°	d) 66°
33		ts and the class teacher is 15 years. If the uded, the average reduces by 1 year. What cher?
	a) 40 years	b) 39 years
	c) 45 years	d) 41 years
34	The H.C.F. of two numbe These numbers are :	rs is 12 and their difference is also 12.
	a) 66 and 78	b) 70 and 82
	c) 94 and 106	d) 84 and 96
35	Total number of all prime	numbers less than 50 is:
	a) 16	b) 15
	c) 14	d) 18
C.	GENERAL ENGLISH	(1 X 30=30 marks)
are co	rrect. Find out which part of	earts of the sentences have errors and some a sentence has an error. The number of that s free from error, then answer is (d) i.e. no
36	Many a student (a)/ are f (c)/No error(d)	rustrated (b)/because of unemployment.
	a) Many a student	b) are frustrated
	c) because of unemploym	ent d) No error
37		athi are(a)/different forms of the Sanskrit once spoken in almost every part of
	a) The Hindi and the Marath	i are b) different forms of the Sanskrit language
	c) which were once spoker almost every part of Ind	,

38	I was unhappy to hear (a)/ the news of my brother (b)/fa examination. (c)/No error(d)		
	a) I was unhappy to hear	b) the news of my brother	
	c) failing in the examination.	d) No error	
39	The earthquake is (a)/ a natur human control.(c)/No error(d)	ral phenomena(b)/and it is beyond	
	a) The earthquake is	b) a natural phenomena	
	c) and it is beyond human control.	d) No error	
40	Ignorance is highly(a)/ detriment of a democracy.(c)/ No error(d)	ntal for the successful (b)/ working	
	a) Ignorance is highly	b) detrimental for the successful	
	c) working of a democracy	d) No error	
Substitu	ute the following phrases with suit	table single words.	
41	A journey by sea		
	a) soar	b) travel	
	c) voyage	d) none of these	
42	A lover of animals		
	a) philatelist	b) canophilist	
	c) Philanthropist	d) philozoic	
43	The art of spelling words correctly		
	a) orthography	b)calligraphy	
	c) philology	d) oratory	
44	A place in which bees are kept		
	a) aviary	b) apiary	

In the following questions, choose the word opposite in meaning to the given word.			
45	Zenith		
	a) modernity	b) nadir	
	c) liberty	d)progress	
46	Illustrious		
	a) courageous	b)sincere	
	c) obscure	d)humble	
47	Cease		
	a)commence	b)condense	
	c) congest	d) conclude	
48	Feeble		
	a) robust	b) weak	
	c) ignorant	d) expensive	
In the	following questions, choose the	word which is correctly spelt.	
49	a) Disciplinary	b)Disciplinery	
	c) Diciplinary	d)Diciplinery	
50	a) Equillibrium	b)Equilibrium	
	c) Equilibriam	d) Equillibriam	
51	a) Diferentiate	b)Differensiate	
	c)Differentiate	d) Differensiate	
52	a) Iluminate	b) Illuminet	
	b) Illumeenate	d) Illuminate	
In the following questions, four alternatives are given for the Idiom/Phrases.  Choose the alternative, which best expresses the meaning of the idiom /Phrase			
53	To catch a tartar		
	a) to live carefully and cautiously	b) to catch a dangerous person	
	c) to trap a wanted criminal with great difficulty	d) to deal with a person who is more than one's match	

	a) being colourful	b)melancholic and low spirited
	c)having many blue things	d) behaving like a fool
55	To cool one's heels.	
	a) to be kept waiting for sometime	b) to rest for sometime
	c)to remain in a comfortable position	d) to give no importance to someone
56	Dog in the manger.	
	a) A person who has no home	b) A person who prevents others from enjoying something useless to him
	c) A person who is not liked by others	d) A person who puts himself in difficulty on account of other people
Choose	the most suitable preposition to	fill in the blanks.
57	He was astonished h	ner behaviour.
	a) in	b) with
	c) to	d) at
58	He has strong antipathy	smoking.
	a) against	b) to
	c) of	d) for
59	He complied my request.	
	a) with	b) by
	c) of	d) through
We should never go moral laws.		moral laws.
	a) to	b) against
	c) above	d) towards
	ng sentences are given in active voice form:-	voice. Choose correct alternative of
61	Madhuri is singing a song.	
	a) A song is singing by Madhuri.	b) A song is sung by Madhuri.
	c) A song is being sung by Madhu:	ri. d)A song is being singing by Madhuri

54

In the blues

- 62 They elected him president.
  - a) President was elected by him.
- b) His president was elected by them.
- c) He was elected president.
- d) Him was elected president by them.
- 63. He has been writing a letter for an hour.
  - a)A letter is being written by him for an hour.
- b) A letter has been being written by him for an hour.
- c) A letter has been written by him for an hour.
- d) A letter is written by him for an hour.
- 64 No one will answer your question.
  - a) Your question would not be answered by any one.
- b) Your question is not to be answered.
- c) Your question will not be answered.
- d) Your question cannot be answered.
- 65 He has washed the plates.
  - a) The plates has been washed by him.
- b) The plates were washed by him.
- c) The plates had been washed by him.
- d) The plates have been washed by him.

## D. Descriptive type (20 marks)

05 Marks

01) Write a letter to the local municipal authority requesting to clear stagnant water in the drainage system immediately as there is an outbreak of Dengue in your area;

Or

Write a letter to your friend sharing your experience of recent visit to a science museum in your locality;

- 02) Write a paragraph in about 150 words <u>on any one</u> of the following topics of your choice:-
  - 1. Growing trends of Privatisation
  - 2. Higher Education versus Skill Acquisition
  - 3. Growing Pollution in Rivers
  - 4. Swachhata Hi Seva (SHS) campaign 2023

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