

PGCET-2023

Seat No. _____

SUB: M.Plan

Time: 1 Hour 30 minutes

Instructions:

1. Ensure that all pages are printed.
2. Use Black ball pen only
3. Change in option is not allowed
4. There is no negative marking
5. Use of non-programmable scientific calculator is allowed

Read the following paragraph and attempt the questions.

AI has the power to catch some issues people might overlook. This can mean a range of things – for instance, spotting inaccuracies in text, checking code or even circumventing biases and prejudices workers may not even be aware they have. An analyst interpreting a set of data, for instance, might be able to identify a confirmation bias in their work, meaning they look for evidence to support an outcome they already believe exists. AI can interpret data impartially, and provide a more detailed, big picture analysis.

The technology is far from perfect, but can currently lay the foundation for workers to see outcomes and solutions outside their personal experiences, opening up opportunities for impartiality and inclusion across myriad fields and sectors. And experts say the AI will only get better at this. The ability to more quickly and better diagnose problems won't replace expertise – while AI can identify problems, humans still need to correct them. But generative AI can identify these issues faster and often more accurately than humans alone.

Plus, as ChatGPT and other machine learning models are constantly updating and advancing as their datasets become broader, the technology means being able to catch biases, mistakes and errors at the cutting edge.

1.	In this paragraph, the author talks about...			
	A	Threats of AI	B	Imperfect nature of AI
	C	Disadvantages of AI	D	Positive impacts of AI tools
2.	Which one of the following statements does not relate to information given in the paragraph?			
	A	AI can identify issues faster than humans	B	AI is helpful in achieving content accuracy
	C	AI won't replace expertise	D	AI can replace expertise
3.	Which statement fits with the idea presented in the paragraph?			
	A	AI has power to contribute in the process of content creation	B	Though the AI technology is not perfect for now, the future is promising
	C	Both A & B	D	None of the above

4.	In the statement, ‘The ability to more quickly and better diagnose problems won’t replace expertise’, the term diagnose refers to...			
	A	Remove	B	create
	C	Identify	D	mix
5.	The shift in development of more AI tools means...			
	A	Better productivity	B	Improved accuracy
	C	Ability to quick and better diagnosis of problems	D	All of the above
Choose the word opposite in meaning (antonym) for the highlighted word.				
6.	Some people contend that it doesn’t matter any difference who you are emailing.			
	A	deny	B	assert
	C	affirm	D	insist
7.	It can be self-defeating to take social comparisons too far.			
	A	futile	B	useless
	C	unsuccessful	D	self-sustaining
8.	Selectivity can cause us to fail to perceive important information.			
	A	view	B	think
	C	consider	D	overlook
9.	International cooperation is vital to regulating AI.			
	A	adjust	B	misconduct
	C	control	D	balance
10.	Certain technologies can help you brainstorm and generate new ideas.			
	A	extinguish	B	produce
	C	make	D	create
11.	Companies are forgetting the old definition of an ideal candidate.			
	A	neglect	B	fail
	C	think back	D	omit

12.	Gen Z employees are <i>thriving</i> in the new world of work.			
	A	successful	B	failing
	C	growing	D	flourishing
Choose the word with same meaning (synonym) for the highlighted word.				
13.	The main point of the conclusion is to <i>underline</i> the overall purpose.			
	A	ignore	B	emphasize
	C	insignificant	D	unimportant
14.	It is easy to respond to emails emotionally than <i>rationally</i> .			
	A	senseless	B	unreasonable
	C	absurd	D	balance
15.	The purpose of the interview is to find our <i>suitable</i> you are for their purposes.			
	A	worthy	B	inappropriate
	C	awkward	D	Unfit
16.	The <i>competence</i> of people plays an important role in organizational growth.			
	A	efficiency	B	ignorance
	C	lack	D	inability
17.	Increased <i>narcissism</i> isn't being detected only in the UK.			
	A	echoism	B	selflessness
	C	self-love	D	unselfishness
18.	Meanings in our conversions are <i>context</i> bound.			
	A	ignorance	B	insignificance
	C	meaninglessness	D	background
19.	In cosmic terms, however, the Pinwheel galaxy is still <i>relatively</i> nearby			
	A	comparably	B	awfully
	C	extremely	D	exceedingly
Choose the appropriate sequence to form correct sentences.				
20.	for the world at large India has always been an utmost inspiration P Q R S			
	A	SRPQ	B	PQRS
	C	RSPQ	D	RSQP
21.	to be self-sufficient should be taught believed that villagers Mahatma Gandhi P Q R S			
	A	PQRS	B	SRQP
	C	PRSQ	D	SRPQ
22.	the same attraction with the coming of the mobile no longer holds the television P Q R S			
	A	PSRQ	B	QSRP
	C	PQRS	D	QSPR

23.	recording them on film a digital camera rather than stores images digitally			
	P	Q	R	S
	A	QSRP	B	SQRP
24.	C	QSPR	D	PRQS
	includes the same or mechanical description components as an object a process description			
	P	Q	R	S
25.	A	SPQR	B	RQSP
	C	SPRQ	D	QRSP
	by identifying his job search a person begins or her persona and career goals			
26.	P	Q	R	S
	A	RQPS	B	PSQR
	C	RSPQ	D	PSRQ
27.	Statement: Should The educated people work in villages ?			
	Argument: I , Yes , because they can bring revolution in agriculture and revamp rural atmosphere			
	Argument: II No, the educated should be employed in cities only, otherwise their education will go west.			
28.	A	Only argument I follows	B	Only argument II follows
	C	Both argument I & II follows	D	Neither argument I nor II follows
	If the sequence 3, 7, 13, 21, 31,____, 57 which number complete the sequence ?			
29.	A	41	B	42
	C	43	D	40
	Statement: 1. If a man is a bachelor, he is unhappy .			
30.	2. If a man is unhappy, he dies young.			
	Conclusion : Bachelors die young			
	A	conclusion I follows	B	conclusion I not follow
31.	C	Uncertain	D	None of these
	Out of Dinesh, Mahesh, Paresh and Suresh who was selected by the interview panel ?			
	Statement: 1. Paresh interview was much better then Dinesh and Suresh			
32.	2. Mahesh has better qualification and experience then Paresh.			
	A	Mahesh	B	Dinesh
	C	Suresh	D	Data is insufficient

30.	In certain way the following can be written as 2579 as @EGI, 4235 as \$ BCE and 8765 as *GFE then 2675 is _____			
	A	\$FGE	B	@HIJ
	C	@FGE	D	\$EHG
31.	In the following numbers find the odd one out. 7, 24, 75, 228, 690			
	A	24	B	690
	C	75	D	228
32.	Pointing to a man, Vidhya said “ His mother is the daughter of my mother’s only daughter. How is the man related to the Vidhya ?			
	A	Brother	B	Grad Son
	C	Grand Father	D	Husband
33.	If the numerical sequence 539, 895, 198, 279 When all digit in each of the given number are arranged in descending order which number becomes the greatest?			
	A	895	B	539
	C	198	D	279
34.	Which is the odd one out from the given pair			
	A	10:1000	B	20::8000
	C	15::3375	D	50::2500
35.	What shall come in place Doctor :: Patient Advocate::_____			
	A	Treatment	B	Client
	C	Punishment	D	Judgement
36.	In a class 40% student offered Biology, 20% student offer Mathematics and 10% offer both. If a student is selected at random, What is the possibility that he has offer Biology or Mathematics ?			
	A	1/2	B	1/3
	C	2/3	D	3/4
37.	One passenger train 100 meter long and another a goods train 200 meter long are running in the same direction with a speed of 70 km/hrs and 52 km/hrs respectively. In how much time will the passenger train cross the goods train ?			
	A	4 minute	B	3 minute
	C	2 minute	D	1 minute

38.	Statement: Should government stop spending huge amounts of money on scholarship for higher education. Argument: I Yes, this money can be utilized for poor. II No, Student will be frustrated and will not get higher education exposure			
	A	Only argument I is strong	B	Only argument II is strong
	C	Both argument I and II strong	D	None of these
39.	If MORE is written in certain code as 1234, DEAR as 5403 and GRANT as 63078 then what is the code for MAGNET ?			
	A	106548	B	105678
	C	106748	D	106784
40.	Which word does not belong with the other			
	A	Heart	B	Brain
	C	Kidney	D	Eye
41.	Which is similar to the pair GN:: TM			
	A	FI::UR	B	PR::CF
	C	EJ::VQ	D	DK::RS
42.	If the first day of the year 2024 is Monday How many Monday's in the year 2024?			
	A	53	B	52
	C	51	D	50
43.	What time does the bank starts working ? Statement 1: Some employee reach bank at 9:30 a.m. Statement 2: Some employee reach bank at 1:00 p.m.			
	A	Statement 1 alone is sufficient to answer the question	B	Both the statement together is necessary to answer the question
	C	Both the statement together is not sufficient to answer the question	D	Statement 2 alone is sufficient to answer the question
44.	Paresh and Ram can do a piece of work in 18 days, Ram and Shyam can do a piece of work in 24 days, Shyam and Paresh can do a piece of work in 36 days. In how many days will Paresh , Shyam and Ram finish it, working together ?			
	A	12	B	16
	C	18	D	14
45.	Statement: Mango prizes are dropping in the market. Conclusion: I Supply of mango is more in the market. II People cannot eat mango.			
	A	Only conclusion I follows	B	Only conclusion II follows
	C	Neither conclusion I nor II follows	D	Both conclusion I & II follows

46.	Difference of two number is 830. If 15% of one number is 25% of the other number then which are the numbers ?			
	A	2045, 1245	B	2012, 1220
	C	2075, 1245	D	2075, 1275
47.	A bowl contains 1Rs., 2 Rs. and 5 Rs. Coins in the ratio 2:5:4 amounting to Rs. 288. What is the number of coins of each type ?			
	A	1Rs.-28, 2Rs.-35, 5Rs.-26	B	1Rs.-18, 2Rs.-45, 5Rs.-36
	C	1Rs.-15, 2Rs.-48, 5Rs.-36	D	1Rs.-18, 2Rs.-45, 5Rs.-30
48.	$\frac{1}{\sqrt{16}-\sqrt{15}} - \frac{1}{\sqrt{15}-\sqrt{14}} + \frac{1}{\sqrt{14}-\sqrt{13}} - \frac{1}{\sqrt{13}-\sqrt{12}} + \frac{1}{\sqrt{12}-\sqrt{11}} - \frac{1}{\sqrt{11}-\sqrt{10}} + \frac{1}{\sqrt{10}-\sqrt{9}}$ is equal to ?			
	A	5	B	4
	C	3	D	7
49.	In a certain code Gujarat is written as &14T , Ahmedabad as \$18D and Mumbai as *12I than Gandhinagar can be written as			
	A	&22R	B	&11R
	C	*22R	D	\$22R
50.	How many words can be formed by using all letters of the word BROTHER ?			
	A	5400	B	4050
	C	5040	D	5050
51.	_____ was first in India to win Arjuna Award in cricket.			
	A	Salim Durani	B	Sachin Tendulkar
	C	Sunil Gavaskar	D	Saiyed Kirmani
52.	Which of the following two rivers empty in Gulf of Khambhat?			
	A	Jhelum and Tapti	B	Narmada and Tapti rivers
	C	Jhelum and Ravi	D	Tapti and Godavari
53.	Who scaled Mount Everest for the 27th time?			
	A	Pasang Dawa Sherpa	B	Kami Rita
	C	Neither of them	D	Both of them
54.	Which institution developed the Unified payments interface (UPI) payment system?			
	A	Reserve Bank of India	B	National Payments Corporation of India
	C	Securities Exchange Board of India	D	NITI Aayog
55.	India has a total of ____ Union Territories and ____ States.			
	A	8, 28	B	7, 29
	C	9, 27	D	8, 29

56	Which former Chief Minister of Gujarat was born in Myanmar?			
	A	Shankersinh Waghela	B	Vijay Rupani
	C	Anandiben Patel	D	Hitendrabhai Desai
57	_____ is the first Indian global ambassador of the Italian luxury house Gucci.			
	A	Alia Bhatt	B	Deepika Padukone
	C	Nandita Das	D	Prabhas
58	The Moti Shahi Mahal situated in Ahmedabad is a palace built by the Mughal emperor _____.			
	A	Akbar	B	Shahjahan
	C	Jahangeer	D	Aurangzeb
59	Which state launched the 'State Wide Attention on Grievances by Application of Technology -SWAGAT' initiative 20 years ago?			
	A	Gujarat	B	Tamil Nadu
	C	Assam	D	Odisha
60	_____ wrote a book named _____ which documented his experience of travelling to Buddhist kingdoms and throwing a light on different aspects of Indian society.			
	A	Yijing, <i>Xiyouji</i>	B	Wu Cheng'en, Fo-Kwo-Ki
	C	Hiuen Tsang, <i>Xiyouji</i>	D	Fa Hien, Fo-Kwo-Ki
61	Hodophobia is the fear of which of the following?			
	A	Sleeping	B	Traveling
	C	Drugs	D	Cattle
62	The Last Mughal is a revealing historical book authored by _____.			
	A	William Dalrymple	B	Shashi Tharoor
	C	Khushwant Singh	D	Arvind Adiga
63	The Yarlung Zangbo river, in India, is known as _____.			
	A	Ganga	B	Indus
	C	Brahmaputra	D	Mahanadi
64	_____ of the Constitution of India prohibits any discrimination on grounds of religion, race, caste, sex or place of birth.			
	A	Article 19	B	Article 25
	C	Article 15	D	Article 29
65	Cockroach has a ____ chambered tubular heart.			
	A	10	B	12
	C	13	D	15
66	Guide starred by _____ is a movie based on a novel with the same name authored by _____.			
	A	Raj Kumar, R K Laxman	B	Dilip Kumar, R K Narayan
	C	Dev Anand, R K Laxman	D	Dev Anand, R K Narayan
67	Who won the Nobel prize in Chemistry twice?			
	A	Linus Carl Pauling	B	Roger D. Kornberg
	C	Madame Curie	D	Frederick Sanger

68	_____ is the only Indian recipient of Pakistan's highest civilian award, Nishan-e-Imtiaz, while _____ is the only Pakistani recipient of India's highest civilian award, Bharat Ratna.			
	A	Mohammad Rafi, Mohammad Ali Jinha	B	A P J Abdul Kalam, Abdul Gaffar Khan
	C	Dilip Kumar, Abdul Gaffar Khan	D	Maulana Abul Kalam, Abdul Gaffar Khan
69	_____ conceptualised the design for Rupee symbol for Indian currency.			
	A	Aditya Kumar	B	Udaya Kumar
	C	Subhas Kumar	D	Anand Kumar
70	Ophiology is the study of _____.			
	A	Moths and Butterflies	B	Snakes
	C	Whales	D	Ants
71	Justice _____ was the first Chief Justice of the Gujarat High Court.			
	A	Kantilal Thakoredas Desai	B	Sunderlal Trikamlal Desai
	C	Jaishanker Manilal Shelat	D	N M Miabhoy
72	Who won both the Booker and the Nobel Prize for Literature?			
	A	V S Naipaul	B	Abdulrazak Gurnah
	C	Salman Rushdie	D	Arvind Adiga
73	Which is the heaviest metal in the world?			
	A	Lead	B	Osmium
	C	Lithium	D	Gallium
74	Which is the shortest national highway (NH) in India?			
	A	NH-48	B	NH 548
	C	NH-44	D	NH-148
75	Who is the author of the book Energize Your Mind: A Monk's Guide to Mindful Living?			
	A	Gaur Gopal Das	B	Sri Sri Ravi Shankar
	C	BK Shivani	D	Sadhguru
76	Shilp-Shastra deals with:			
	A	Sculpture	B	Dance
	C	Town Planning	D	None of these.
77	_____ is known as the divine architect who is known to have spread the knowledge of shilpa-shastra.			
	A	Vishwakarmaprakash	B	Kautilya
	C	Chanakya	D	None of these.
78	The master plan of Chandigarh was prepared by			
	A	Maxwell Fry	B	Albert Mayer
	C	Le Corbusier	D	Maciej Nowicki
79	The main object of preliminary survey is to decide approximately the boundary of area to be planned.			
	A	True	B	False
	C	Irrelevant	D	None of these.

80	Town consists of _____.			
	A	Town Centre	B	Suburbs
	C	Industrial areas and Road network	D	All of the Above.
81	It is defined as a movement of traffic within a city area is known as a_____.			
	A	Circulation	B	Rotation
	C	Rotation and Circulation	D	None of the above.
82	Requirements of ideal city roads is a			
	A	It should have a sufficient width	B	It should have a straight alignment
	C	It should have an easy gradient	D	All of the above.
83	Arterial roads carry _____ amount of traffic.			
	A	Large	B	Small
	C	Medium	D	All of the above.
84	Which type of road system is used in city planning?			
	A	Rectangular or grid-iron street system	B	Concentric and Radial street system
	C	Rectangular combined with diagonal street system.	D	All of the above.
85	Which types of urban road system in Jaipur, Gandhinagar, Chandigarh.			
	A	Rectangular or Grid-iron street system	B	Rectangular combined with diagonal street system.
	C	Organic street system	D	Concentric and radial street system
86	CBD is Central Business District			
	A	True	B	False
	C	Not Applicable	D	CBD is Central Bureau of Development
87	_____ may be defined as a general plan for the future layout of a city.			
	A	Master Plan	B	Layout Plan
	C	Key Plan	D	All of the above
88	Which plan gives a perspective picture of a fully developed town?			
	A	Master Plan	B	Key Plan
	C	Layout Plan	D	None of the above
89	What is a full form of GTPUDA_____.			
	A	Gujarat Town Planning and Urban Development Act	B	Gujarat Transport Planning and Urban Development Act
	C	Gujarat Transport Planning and Urban Design Act	D	Gujarat Town Planning and Urban Design Act.
90	TPS means Town Planning Scheme.			
	A	Yes	B	No
	C	Not Applicable	D	TPS means Town Power Supply
91	The first step is to prepare a _____ for the entire city or development area			
	A	Development Plan	B	Town Planning schemes
	C	Both A and B	D	None of the above

92	The Civic centres are also known as community centres.			
	A	True	B	False
	C	Not Applicable	D	None of the above
93	Mohenjodaro represents...			
	A	Tiger Valley Civilisation	B	Indus Valley Civilisation
	C	Nile Valley Civilisation	D	Yellow River Civilisation
94	Arrangement of various components in a significant way is known as_____?			
	A	Town Planning	B	Building Planning
	C	Landscape Planning	D	None of the Above
95	Aristotle said – a city should be built to give its inhabitants_____.			
	A	Security	B	Happiness
	C	Security and Happiness	D	None of the above.
96	Town planning needs both Art and Science.			
	A	True	B	False
	C	Town planning needs Artificial Intelligence.	D	None of the above
97	In short town or city means place of _____.			
	A	Urban Living	B	Rural Living
	C	Village Living	D	None of the above
98	A City should be divided into suitable zones such as_____.			
	A	recreation zone	B	industrial zone and recreation zone
	C	Residential zone, Commercial zone	D	Recreational zone, industrial zone, Commercial zone and residential zone.
99	The Great Bath of the Harappa Civilisation has been found at			
	A	Mohenjodaro	B	Harappa
	C	Rangpur	D	Kalibangan
100	Green belt is provided on the periphery of the town.			
	A	True	B	False
	C	Green belt is provided in the interior of a city.	D	None of the above