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COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
Limited Departmental Competitive Examination - 2021

Post code _____

Paper – I : Language, Comprehension and Precis writing

Time – 2.00 Hours

Marks – 100

To be filled in by the candidate with blue/black ink ball point pen

PARTICULARS OF THE CANDIDATE (Write in Block Letters)	
Roll Number (In figures)	_____
Roll Number (In words)	_____
Name of the candidate	_____
Signature of the candidate	_____

EVALUATION TABLE (ONLY FOR OFFICE USE)

Q.No.	MARKS OBTAINED	<u>INSTRUCTIONS FOR THE CANDIDATES</u>
1		<p>1. This Question cum Answer Booklet is for the candidates who have opted for English medium and contains 18 pages including précis sheet and space for rough work. <i>Marks are indicated against each question.</i> To answer the questions, blank space has been provided against each question. Each question must be answered in the space provided therein. No additional sheet will be provided. You should not write on anything except on space provided against each question.</p> <p>2. <u>For writing answers, use Blue/Black ink Ball Point Pen.</u></p> <p>3. Before you start filling up your Roll Number and other details, etc. on the cover page, please ensure that the Booklet contains requisite number of questions and pages, and these are not torn or mutilated. You may change the Booklet, if required, before attempting any answers.</p> <p>4. Write your Roll Number in figures and words and other requisite particulars correctly and clearly in the appropriate space provided.</p> <p>5. Rough work may be done only on the page provided for the purpose.</p> <p>6. Use of mobile, camera phone, Tab or any other electronic gadget, etc. is prohibited.</p> <p>7. After the Test is over, you must hand over this complete Booklet to the Invigilator before leaving the examination Hall.</p> <p>8. If you are found copying or resorting to any unfair means, it shall be treated as misconduct and liable to action as per rules.</p>
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Signature of the Invigilator _____

SEAL

ROUGH WORK

Q1. Read the passage given below carefully and answer the questions given below in your own words:

Necessity is indeed the mother of invention. When areas in and around Leh began to experience water shortages, life didn't grind to a halt. Why? Because Chewang Norphel, a retired civil engineer in Jammu and Kashmir government, came up with the idea of artificial glaciers. Ladakh, a cold desert at an altitude of 3,000-3,500 metres above sea level, has a low average annual rainfall rate of 50 mm. Glaciers have always been the only source of water. Agriculture is completely dependent on glacier melt unlike the rest of river/monsoon-fed India. But over the years with increasing effects of climate change, rainfall and snowfall patterns have been changing, resulting in severe shortage and drought situations. Given the severe winter conditions, the window for farming is usually limited to one harvest season.

It is located between the natural glaciers above the village below. The one closer to the village and lowest in altitude melts first, providing water during April /May, the crucial sowing season. Further layers of ice above melt with increasing temperature thus ensuring continuous supply to the fields. Thus, farmers have been able to manage two crops instead of one. It costs about Rs.1, 50,000 and above to create one. Fondly called the "glacier man", Mr. Norphel has designed over 15 artificial glaciers in and around Leh since 1987. In recognition of his pioneering effort, he was conferred the Padma Shri by President Pranab Mukherjee, in 2015. There are few basic steps followed in creating the artificial glacier. River or stream water at higher altitude is diverted to a shaded area of the hill facing north, where the winter sun is blocked by a ridge or a mountain range. At the start of winter /November, the diverted water is made to flow onto sloping hill face through distribution channels. Stone embankments are built at regular intervals which impede the flow of water, making shallow pools and freeze, forming a cascade of ice along the slope. Ice formation continues for 3-4 months resulting in a large accumulation of ice which is referred to an "artificial glacier".

[15 marks]

1. Attempt any six of the following questions on the basis of the passage you have read:

2 x 6 = 12 marks

(i) Who was Chewang Norphel?

(ii) What kind of land form is Ladakh?

(iii) Why have glaciers been the only source of water for Ladakh?

(iv) Why has the pattern of snowfall and rainfall changed?

(v) How are glaciers significant for irrigation?

(vi) How do farmers manage to grow two crops instead of one?

(vii) In which year did President Pranab Mukherjee confer Padma Shri to Mr. Norphel?

2. Fill in the blanks with correct options.

[3 marks]

(i) When areas in and around Leh began to experience water shortages

Chewang Norphel came up with the idea of

- (a) water conservation
- (b) artificial glaciers
- (c) water tanks
- (d) ice formation

(ii) Find a word in the paragraph which means the same as the following:

- (a) walls of stone or earth -
- (b) create or develop new ideas -

Q2. Write a paragraph on any one of the following topics in not more than 200 words:-

- (i) India of My Dreams
- (ii) Should plastic be banned?
- (iii) Use and abuse of Internet

[10 Marks]

Answer:

Topic _____

Q3. Use Following idioms and phrases in sentences of your own

[5 marks]

(i) Have an axe to grind: _____

(ii) On the fence: _____

(iii) Cock and bull story: _____

(iv) A rolling stone: _____

(v) A Dime a Dozen: _____

Q4. Give single word substitute for the following phrase –

[5 marks]

	Phrase	Single word
(i)	One who looks at dark side of things	_____
(ii)	One who loves and works for his fellow men.	_____
(iii)	A speech made without preparation.	_____
(iv)	Life history of a person written by another.	_____
(v)	That which cannot be expressed in words.	_____

Q5. Write two synonyms for each word given below:

[10 marks]

	Word	Answer	
(i)	Astonishing	(i) _____	(ii) _____
(ii)	Beautiful	(i) _____	(ii) _____
(iii)	Audacious	(i) _____	(ii) _____
(iv)	Important	(i) _____	(ii) _____
(v)	Position	(i) _____	(ii) _____

Q6. Change the following sentences into indirect speech:

[10 marks]

(i) The boy said to his friend, "I write the date everyday"

Ans

(ii) He said to me, "wait until I come"

Ans

(iii) "Hurry up", he said to his servant, "do not waste time".

Ans

(iv) She said, "I worked in Delhi for two years"

Ans

(v) "What do you want?" he said to her.

Ans

Q7. Write the correct form of the misspelt words:

[5 Marks]

(i) Accquit _____

(ii) Cemetary _____

(iii) Liasion _____

(iv) Hierchy _____

(v) Vaccum _____

- Q8. Make a precis of the following passage using your own words (125 words) and suggest an appropriate title (write the precis in the sheet provided)

[25 Marks]

Research has shown that the human mind can process words at the rate of about 500 per minute, whereas a speaker speaks at the rate of about 150 words a minute. The difference between the two at 350 is quite large. So a speaker must make every effort to retain the attention of the audience and the listener should also be careful not to let his mind wander. Good communication calls for good listening skills. A good speaker must necessarily be a good listener.

Listening starts with hearing but goes beyond. Hearing, in other words is necessary but is not a sufficient condition for listening. Listening involves hearing with attention. Listening is a process that calls for concentration. While, listening, one should also be observant. In other words, listening has to do with the ears, as well as with the eyes and the mind. Listening is to be understood as the total process that involves hearing with attention, being observant and making interpretations. Good communication is essentially an interactive process. It calls for participation and involvement. It is quite often a dialogue rather than a monologue. It is necessary to be interested and also show or make it abundantly clear that one is interested in knowing what the other person has to say.

Good listening is an art that can be cultivated. It relates to skills that can be developed. A good listener knows the art of getting much more than what the speaker is trying to convey. He knows how to prompt, persuade but not to cut off or interrupt what the other person has to say. At times the speaker may or may not be coherent, articulate and well organised in his thoughts and expressions. He may have it in his mind and yet he may fail to marshal the right words while communicating his thought.

Nevertheless, a good listener puts him at ease, helps him articulate and facilitates him to get across the message that he wants to convey. For listening to be effective, it is also necessary that barriers to listening are removed. Such barriers can be both physical and psychological. Physical barriers generally relate to hindrances to proper hearing whereas psychological barriers are more fundamental and relate to the interpretation and evaluation of the speaker and the message. (383 words)

Precis Sheet: Write only one word in each box

Title: _____

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					125

Q.9. Change the following sentences into passive voice:

[10 marks]

(i) Beautiful giraffes roam the savannah.

Ans

(ii) We are going to watch a movie tonight.

Ans

(iii) The crew paved the entire stretch of highway.

Ans

(iv) The choir really enjoys that piece.

Ans

(v) I ran the obstacle course in record time.

Ans

Q.10. Fill in the blanks with the correct word:

[5marks]

(i) A large population of Latin American countries were not aborigines but _____.

(a) immigrants

(b) emigrants

(ii) The mother's _____ for the child knows no bounds.

(a) affection

(b) affectation

(iii) The police had to use tear gas in order to _____ the mob.

(a) disburse

(b) disperse

(iv) For the past couple of days I have been grappling with an _____ problem.

(a) elusive

(b) illusive

(v) Shyam asked his friend for some _____ help.

(a) monetary

(b) monitory

ROUGH WORK

SEAL