PREVIEW QUESTION BANK

Module Name : nou24-ed03 BES 141- Pedagogy of Science-ENG Exam Date : 18-May-2024 Batch : 15:00-18:00

. Client Que	Question Body and Alternatives	1arks	Marks
ective Ouestion	1		
11772001	Which among the following reflects the nature of connection in a concept map? 1. Node	2.0	0.00
	Internode Connecting Line		
	A1:1 A2:2		
	A3:3 A4:4		
· · · ·			
11772002			0.00
ective Ouestion			
11772003	"In the solar system, earlier nine planets were there, but in 2006 Scientists reclassified it as a 'Dwarf Planet' and the status of Pluto as a planet was withdrawn.", this example reflects which nature of science? 1. Scientific knowledge is tentative. 2. Science is a creative endeavour. 3. Social and historical factors play a role in the construction of scientific knowledge. 4. Science and Technology are not the same.	2.0	0.00
	ective Question 11772001 11772002	serieve Question 11772001 Which among the following reflects the nature of connection in a concept map? 1. Node 2. Level on line 3. Intermode 4. Connecting Line A1:1 A2:2 A3:3 A4:4 *** **To develop the scientific temper, humanism and the spirit of inquiry and reform' is part of which article of the constitution of India? 1. Article 21A 2. Article 31A 3. Article 51A 4. Article 30 A A1:1 A2:2 A3:3 A1:4 *** **To the solar system, earlier nine planets were there, but in 2006 Scientists reclassified it as a "Dwarf Planet" and the status of Pluto as a planet was withdrawn: ", this example reflects which nature of science? 1. Science is a creative endeavour: 3. Social and historical factors play a role in the construction of scientific knowledge. 4. Science and Technology are not the same.	Tirracing and the series Question Which among the following reflects the nature of connection in a concept map? 1. Node 2. Level on line 3. Internode 4. Connecting Line A1:1 A2:2 A3:3 A4:4 Series Question 11772002 To develop the scientific temper, humanism and the spirit of inquiry and reform* is part of which article of the constitution of India? 1. Article 21A 2. Article 31A 3. Article 30A A1:1 A2:2 A3:3 A4:4 Series Question 11772002 To develop the scientific temper, humanism and the spirit of inquiry and reform* is part of which article of the constitution of India? 1. Article 30A A1:1 A2:2 A3:3 A4:4 Series Question 11772003 Tin the solar system, earlier nine planets were there, but in 2006 Scientists reclassified it as a "Dwarf Planet" and the status of Pluto as a planet was withdrawn.", this example reflects which nature of science? 1. Scientific knowledge is tentative. 2. Science is a creative endeavour. 3. Social and historical factors play rate in the construction of scientific knowledge. 4. Science and Technology are not the same.

			A2:2		
			A3:3		
			A4:4		
н		ctive Question		2.0	0.00
	4	11//2004	What is the meaning of the Latin word 'scientia'?	2.0	0.00
			1. Exploration		
			2. Experimentation		
			3. Discovery		
			4. Knowing		
			A1:1		
			A2:2		
			A3:3		
			A4:4		
	01.	· 0 ·			
н		ctive Question		2.0	0.00
		11,,2000	Given below are two statements:		0.00
			Statement (I): A hypothesis should be consistent with existing observations and known		
			information regarding the question.		
			Statement (II): A hypothesis is formulated before the experiment, not after the experiment.		
			In light of the above statements, choose the most appropriate answer from the options given below.		
			Both Statement (I) and Statement (II) are correct.		
			2. Both Statement (I) and Statement (II) are incorrect.		
			3. Statement (I) is correct but Statement (II) is incorrect.		
			4. Statement (I) is incorrect but Statement (II) is correct.		
			A1:1		
			A2:2		
			A2.2		
			A3:3		
			A4:4		
	Obje	ctive Question			
ш		11772006		2.0	0.00
					1

			"To develop the basic language skills, i.e., speaking, reading, and writing not only for science but also through science." is an aim of science education at level. 1. senior secondary 2. upper primary 3. primary 4. secondary A1:1 A2:2 A3:3 A4:4		
	Obje	ctive Question	1		
		11772007	The term "Scientific Temper" was very prominently articulated in the book: 1. Discovery of India 2. My Experiment with Truth	2.0	0.00
			3. The Wings of Fire		
			4. Science and Society		
			A1:1		
			A2:2		
			A3:3		
			A4:4		
(Obje	ctive Question			
15		11772008		2.0	0.00
C		11//2008		2.0	

Match	l ist l	with	List II

List I	List II
(Learning objective)	(Cognitive process dimension)
A. Making a simple torch recalling the required electric circuit diagram.	I. Creating
B. Modifying the structure of electric circuit of a simple torch/making a device using simple electric circuit.	II. Analyzing
C. Relating glowing of the torch with a closed electric circuit.	III. Remembering
D. Identifying problem in the electric circuit/components, if the bulb does not glow.	IV. Applying

Choose the correct answer from the options given below:

- 1. (A) (III), (B) (I), (C) (IV), (D) (II)
- 2. (A) (I), (B) (II), (C) (III), (D) (IV)
- 3. (A) (I), (B) (II), (C) (IV), (D) (III)
- 4. (A) (III), (B) (IV), (C) (I), (D) (II)

A1:1

A2:2

A3:3

A4:4

Objective	Question	

9	11772009	2.0	0.00
			1 1

		Arrange the following steps of problem solving approach in the correct sequence:		
		A. Formulation of hypothesis		
		B. Defining the problem		
		C. Analysis, interpretation and evaluation of evidence		
		D. Testing the hypothesis		
		E. Formulating Conclusion		
		Choose the correct answer from the options given below		
		1. A, C, B, D, E		
		2. B, A, D, C, E		
		3. B, D, A, C, E 4. D, B, C, A, E		
		A1:1		
		A2:2		
		A3:3		
		A3:3		
		A4:4		
	<u> </u>			
	ective Question	1	2.0	0.00
10	11772010	Definitions and theories in science fall under which domain of science?	2.0	0.00
		Definitions and theories in science fail under which domain of science?		
		Science as a process of inquiry.e.		
		 Science as a process of inquiry.e. Science as a way of thinking. 		
		 Science as a process of inquiry.e. Science as a way of thinking. Science as a memory-based discipline. 		
		 Science as a process of inquiry.e. Science as a way of thinking. 		
		 Science as a process of inquiry.e. Science as a way of thinking. Science as a memory-based discipline. 		
		 Science as a process of inquiry.e. Science as a way of thinking. Science as a memory-based discipline. 		
		 Science as a process of inquiry.e. Science as a way of thinking. Science as a memory-based discipline. Science as a body of Knowledg Al: 1		
		 Science as a process of inquiry.e. Science as a way of thinking. Science as a memory-based discipline. Science as a body of Knowledg 		
		 Science as a process of inquiry.e. Science as a way of thinking. Science as a memory-based discipline. Science as a body of Knowledg Al: 1		
		 Science as a process of inquiry.e. Science as a way of thinking. Science as a memory-based discipline. Science as a body of Knowledg A1:1 A2:2 A3:3		
		 Science as a process of inquiry.e. Science as a way of thinking. Science as a memory-based discipline. Science as a body of Knowledg A1:1 A2:2		
	ective Question	 Science as a process of inquiry.e. Science as a way of thinking. Science as a memory-based discipline. Science as a body of Knowledg A1:1 A2:2 A3:3 A4:4		
	ective Question	 Science as a process of inquiry.e. Science as a way of thinking. Science as a memory-based discipline. Science as a body of Knowledg A1:1 A2:2 A3:3 A4:4	2.0	0.00
		1. Science as a process of inquiry.e. 2. Science as a way of thinking. 3. Science as a memory-based discipline. 4. Science as a body of Knowledg Al:1 A2:2 A3:3 A4:4 How do snakes move?* is an example of which process skill? 1. Organization	2.0	0.00
		1. Science as a process of inquiry.e. 2. Science as a way of thinking. 3. Science as a memory-based discipline. 4. Science as a body of Knowledg A1:1 A2:2 A3:3 A4:4 How do snakes move?" is an example of which process skill? 1. Organization 2. Classification	2.0	0.00
		1. Science as a process of inquiry.e. 2. Science as a way of thinking. 3. Science as a memory-based discipline. 4. Science as a body of Knowledg A1:1 A2:2 A3:3 A4:4 How do snakes move?" is an example of which process skill? 1. Organization 2. Classification 3. Inquiry	2.0	0.00
		1. Science as a process of inquiry.e. 2. Science as a way of thinking. 3. Science as a memory-based discipline. 4. Science as a body of Knowledg A1:1 A2:2 A3:3 A4:4 How do snakes move?" is an example of which process skill? 1. Organization 2. Classification	2.0	0.00
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		1. Science as a process of inquiry.e. 2. Science as a way of thinking. 3. Science as a memory-based discipline. 4. Science as a body of Knowledg Al: 1 A2: 2 A3: 3 A4: 4 How do snakes move?" is an example of which process skill? 1. Organization 2. Classification 3. Inquiry 4. Experimentation	2.0	0.00

			A2:2		
			A3:3		
			A4:4		
()hie	ctive Question			
		11772012		2.0	0.00
			A teacher is assessing learners on their ability to communicate in simple language, he/she is assessing which skill?		
			1. Observation		
			2. Inference		
			3. Planning		
			4. Reporting		
			A1:1		
			A2:2		
			A3:3		
			A4:4		
(Objec	ctive Question			
		11772013		2.0	0.00
			Which among the following is a teacher centred method?		
			1. Heuristics		
			2. Laboratory		
			Natural exploration		
			4. Think-pair-share		
			A1.1		
			A1:1		
			A2:2		
			A3:3		
			A4:4		
(Objec	ctive Question	1		
1	4	11772014		2.0	0.00

		In the cyclic plan of Morrison, the correct sequence of steps of lesson planning is:			
		A. Organization			
		B. Recitation			
		C. Exploration			
		D. Assimilation			
		E. Presentation			
		Choose the correct answer from the options given below			
		1. A, B, C, D, E			
		2. C, E, D, A, B			
		3. E, C, D, B, A 4. D, A, B, E, C			
		A1:1			
		A2:2			
		A3:3			
		A4:4			
Obje	ctive Question	n			
15	11772015	Arrange the following steps of natural exploration in the correct sequence:	2.0	0.00	
		A. Exposure to Learners			
		B. Recording the Observation			
		C. Identification of Situation/Event			
		D. Explaining principals/theories/laws			
		E. Linking Observation with Scientific principals/theories/laws			
		Choose the correct answer from the options given below			
		1. B, A, C, D, E 2. C, A, B, E, D			
		3. A, D, C, B, E			
		4. A, C, D, B, E			
		A1:1			
		A2:2			
					l
		A3:3			
		A3:3 A4:4			
		A4:4			
	ctive Question	A4:4	2.0	0.00	

		According to Grubb, "resources that are not easily bought, measured, or adjusted" are known as:		
		4.00		
		1. Simple		
		Compound Complex		
		4. Abstract		
		1. About det		
		A1 1		
		A1:1		
		A2:2		
		A3:3		
		A4:4		
L				
17	ojective Question		2.0	0.00
	11772017	Given below are two statements	2.0	0.00
		Statement I: Critical pedagogy helps learners in accepting established norms.		
		Statement II: Praxis means thoughtful examination.		
		In light of the above statements, choose the correct answer from the options given below		
		Both Statement (I) and Statement (II) are correct.		
		Both Statement (I) and Statement (II) are incorrect.		
		3. Statement (I) is correct but Statement (II) is incorrect.		
		4. Statement (I) is incorrect but Statement (II) is correct.		
		A1:1		
		A2:2		
		A3:3		
		A4:4		
	ojective Question			
18	11772018		2.0	0.00

		Which among the following are part of Science as a process of inquiry?		
		A. Observing		
		B. Estimating		
		C. Creating		
		D. Conceptual		
		E. Classifying		
		Choose the correct answer from the options given below:		
		1. A, B and D only		
		2. B, C and E only 3. A, B and E only		
		4. C, D and E only		
		A1:1		
		A2:2		
		A3:3		
		A4:4		
		A4.4		
	ective Question			
19	11772019		2.0	0.00
		The correct sequence of stages of experiential learning is:		
		(A) Concrete experience		
		(B).Reflective observation		
		(C).Abstract conceptualization		
		(D).Active experimentation		
		Choose the correct answer from the options given below:		
		1. (A), (B), (C), (D).		
		2. (B), (A), (C), (D). 3. (B), (A), (D), (C).		
		4. (C), (B), (D), (A).		
		A1:1		
		A2:2		
		A3:3		
		A4:4		
	ective Question	n	2.0	0.00
	nective Question	n	2.0	0.00

		The main focus of is to emphasize on 'how we come to know' rather than 'what we know'.		
		Problem-solving approach		
		2. Inquiry approach		
		3. Concept mapping		
		4. Unit planning		
		A1:1		
		Al.1		
		A2:2		
		A3:3		
		A4:4		
Ohie	ective Question			
	11772021		2.0	0.00
		Who is known as father of atomic theory in India?		
		1. Charka		
		2. Barahmihir		
		3. Kanad		
		4. Patanjali		
		A1:1		
		A2:2		
		A3:3		
		A5:3		
		A4:4		
	ective Question			
22	11772022		2.0	0.00
		Which among the following is considered as a basic process skill?		
		1. Classifying		
		2. Hypothesizing		
		3. Experimenting		
		4. Interpreting data		
		A1:1		
		A2:2		
		A3:3		
		A4:4		
C1 :	-4:			
	ective Question		2.0	0.00
23	11,,2023		0	0.00

		At which level, Science and social science have been 'integrated as 'Environmental Studies'? 1. Primary level 2. Upper primary level 3. Secondary level 4. Higher secondary level A1:1		
		A3:3 A4:4		
	ctive Question	1	-	1
24	11772024	If a teacher is asking learners to differentiate between monocot and dicot plants by observing venation in leaves, he/she is trying to facilitate learners to learn by: 1. Problem solving 2. Natural exploration 3. Heuristics method 4. Laboratory method	2.0	0.00
		A1:1 A2:2 A3:3 A4:4		
	ctive Question	1		10.00
	11772025	A science teacher should encourage collective decision making through open discussion, is practicing: 1. Autocratic pedagogy 2. Critical pedagogy 3. Behaviourist learning 4. Demonstrative skills A1:1 A2:2 A3:3 A4:4	2.0	0.00
			2.0	0.00
26	11772026		2.0	0.00

		The change of water vapours into liquid form is known as:		
		Precipitation Evaporation		
		3. Condensation		
		4. Transpiration		
		. Halley hauteli		
		A1:1		
		A2:2		
		A3:3		
		A4:4		
Obje	ctive Question	1		-
27	11772027		2.0	0.00
		An earthquake in the range on Richter scale is considered as very severe?		
		1. 2-3		
		2. 3-5		
		3. 5-6		
		4. More than 7		
		A1:1		
		A2:2		
		A3:3		
		AJ.J		
		A.44		
		A4:4		
	ctive Question		2.0	0.00
28	11//2028	The layer of atmosphere in which we live is:	2.0	0.00
		1. Troposphere		
		Stratosphere Mesosphere		
		4. lonosphere		
		4. Ionosphere		
		A1:1		
		A2:2		
		A3:3		
		A4:4		
Obje	ctive Question			
	11772029		2.0	0.00

		Archaeopteryx forms a connecting link between which two groups?		
		1. Reptiles and amphibians		
		Reptiles and fishes		
		3. Fishes and birds		
		4. Reptiles and birds		
		A1:1		
		A2:2		
		A3:3		
		A4:4		
Obj	ective Question	n		
30	11772030		2.0	0.00
		Given below are two statements:		
		Statement (I): Assessment in science promotes scientific enquiry.		
		Statement (II): Assessment focuses only at the cognitive development of learner.		
		In light of the above statements, choose the <i>most appropriate</i> answer from the options given below.		
		Both Statement (I) and Statement (II) are correct.		
		Both Statement (I) and Statement (II) are incorrect.		
		3. Statement (I) is correct but Statement (II) is incorrect.		
		4. Statement (I) is incorrect but Statement (II) is correct.		
		A1:1		
		A2:2		
		A3:3		
		A4:4		
	ective Question		2.0	0.00
31	11//2031		2.0	0.00

	Match List I with List II						
		List I	List II				
		(Components of Blood)	(Functio	ons)			
		A. RBC	I. Maint	ain immunity			
		B. WBC	II. Trans	sport food to cells			
		C. Plasma	III. Clott	ing of blood			
		D. Platlets	IV. Bind	s oxygen			
		Choose the correct answer from the 1. A - IV, B - III, C - I, D - II 2. A - I, B - IV, C - III, D - II 3. A - IV, B -I, C -II, D - III 4. A - III, B -I, C -IV, D - II	options given below:				
		A1:1					
		A2:2					
		A3:3					
		A4:4					
Obje	ective Question	n					
	11772032	Cilia is an organ of feeding in:				2.0	0.00
		1. Amoeba 2. Starfish 3. Hydra 4. Lizard					
		A1:1					
		A2:2					
		A3:3					
		A4:4					
	ective Question	n					
33	11772033					2.0	0.00

		Which is the smallest unit of classification of animals and plants? 1. Species 2. Genus 3. Family 4. Phylum A1:1 A2:2 A3:3 A4:4		
	ective Question			
Obj	11772034	The outer ear is also called as: 1. Cochlea 2. Eardrum 3. Pinna 4. Pharynx A1:1 A2:2 A3:3 A4:4	2.0	0.00
35	11772035		2.0	0.00
		"The rate of change of momentum is directly proportional to the applied force", is a statement of: 1. First law of Motion 2. Second law of Motion 3. Third law of Motion 4. Law of inertia A1:1 A2:2 A3:3 A4:4		
	ective Question			
36	11772036		2.0	0.00

		Given below are two statements		
		Statement I: S.I unit of electric potential is volt (denoted as 'V'), named after Aleesandro Volta.		
		Statement II: Since electric potential difference is expressed in units of volts, it is sometimes referred to as the voltage.		
		In light of the above statements, choose the correct answer from the options given below		
		 Both Statement (I) and Statement (II) are correct. Both Statement (I) and Statement (II) are incorrect. Statement (I) is correct but Statement (II) is incorrect. Statement (I) is incorrect but Statement (II) is correct. 		
		A1:1		
		A2:2		
		A3:3		
		A4:4		
Obje	ective Question			
_	11772037	Electrolysis of water is an example of:	2.0	0.00
		Decomposition reaction Substitution reactions		
		Double displacement reactions Neutralization reaction		
		A1:1		
		A2:2		
		A3:3		
		A4:4		
Obje	ective Question			
38	11772038	Which among the following is a tropical crop?	2.0	0.00
		1. Jowar		
		2. Wheat		
		3. Potato		
		4. Oats		
		A1:1		
		A2:2		
		A3:3		
		A4:4		

Obj	ective Question	1		
39	11772039	Which are in the direction and a Country to the best of distribution of distributions and distributions are distributions are distributions and distributions are distributions and distributions are distributions and distributions are distributions are distributions and distributions are distributions are distributions are distributions and distributions are distributions are distributions and distributions are distributions are distributions and distributions are distributions are distributions are distributions are distributions are distributions and distributions are distribution	2.0	0.00
		Which organ in the digestive system Secretes hydrochloric acid (HCL)?		
		1. Oesophagus		
		2. Stomach		
		3. Small Intestine		
		4. Pancreas		
		A1:1		
		A2:2		
		A3:3		
		A4:4		
		A7.7		
	ective Question		1	1
40	11772040	Given below are two statements	2.0	0.00
		Given below are two statements		
		Statement I: The angle of incidence is equal to the angle of reflection.		
		Statement II: The incident ray, the normal to the mirror at the point of incidence and the reflected ray, never lie in the		
		same plane.		
		In light of the above statements, choose the most appropriate answer from the options given below		
		in light of the above statements, choose the most appropriate answer from the options given below		
		1. Both Statement (I) and Statement (II) are correct.		
		2. Both Statement (I) and Statement (II) are incorrect.		
		3. Statement (I) is correct but Statement (II) is incorrect.		
		4. Statement (I) is incorrect but Statement (II) is correct.		
		A1:1		
		Al. I		
		A2:2		
		A3:3		
		A4:4		
Obj	ective Question			
	11772041		2.0	0.00
		is used to determine the direction of magnetic field around straight conductor.		
		1. Right Hand Thumb Rule		
		2. Left Hand Thumb Rule		
		3. Joule's law		
		4. Flemings right Hand Rule		
		A1:1		
		A2:2		
		n2.2		

		A3:3		
		A4:4		
	ective Question		2.0	0.00
42	11772042	Which among the following metals is having highest reactivity?	2.0	0.00
		1. Zink		
		2. Iron		
		3. Gold		
		4. Aluminium		
		A1:1		
		A2:2		
		A3:3		
		A4:4		
Obj	ective Question	1		
43	11772043		2.0	0.00
		The work done to move unit charge (i.e., one coulomb) from one point to other is known as:		
		Potential energy		
		Potential difference		
		3. Electric potential		
		4. Voltage		
		A1:1		
		A2:2		
		A3:3		
		A4:4		
	ective Question			
44	11772044	Who is the head of State Disaster Management Authority (SDMA) in a state?	2.0	0.00
		1. Governor		
		2. Home Minister		
		Chief Secretary Chief Minister		
		4. Citiel Willister		
		A1:1		
		A2:2		
		A3:3		

		A4:4		
Obje	ctive Question	1		
45	11772045	Which among the following phylum does belongs to the category of coelomates?	2.0	0.00
		Annelida Mollusca		
		3. Coelenterate		
		4. Chordata		
		A1:1		
		A2:2		
		A3:3		
		A4:4		
Obje	ctive Question	1		
	11772046		2.0	0.00
		Which among the following is the correct unit of force?		
		1. kg s m ²		
		2. kg m/s²		
		3. m s²/km		
		4. s/kg/m²		
		A1:1		
		A2:2		
		A3:3		
		A4:4		
	ctive Question		2.0	0.00
,	11//204/	Given below are two statements:	2.0	0.00
		Statement (I): The magnetic field inside solenoid are in the form of parallel straight lines.		
		Statement (1). The magnetic field inside solehold are in the form of parallel straight lines.		
		Statement (II): The magnetic field lines across a solenoid and bar magnet look similar		
		In light of the above statements, choose the most appropriate answer from the options given below.		
		Both Statement (I) and Statement (II) are correct.		
		2. Both Statement (I) and Statement (II) are incorrect.		
		3. Statement (I) is correct but Statement (II) is incorrect.		
		4. Statement (I) is incorrect but Statement (II) is correct.		
		A1:1		
		A2:2		

		A3:3		
		A4:4		
Obje	ctive Question	1		
48	11772048		2.0	0.00
		Given below are two statements:		
		Statement (I): Sound travels more in liquids than in gases and then in solids		
		Statement (III): Sound travele more in colide then in liquide and then in good		
		Statement (II): Sound travels more in solids than in liquids and then in gases.		
		In light of the above statements, choose the most appropriate answer from the options given below.		
		Both Statement (I) and Statement (II) are correct.		
		Both Statement (I) and Statement (II) are incorrect.		
		3. Statement (I) is correct but Statement (II) is incorrect.		
		Statement (I) is incorrect but Statement (II) is correct.		
		A1:1		
		A2:2		
		14.2		
		A3:3		
		AJ.J		
		A4:4		
		A4.4		
	ective Question		2.0	0.00
77	11//2049	Which phylum belongs to pseudocoelomate?	2.0	0.00
		4.01		
		Ctenophora Aschelminths		
		3. Annelida		
		4. Echinodermata		
		A1.1		
		A1:1		
		A2:2		
		A2:2		
		A3:3		
		A4:4		
	ective Question			llo oo
50	11772050	Who introduced the term radioactivity?	2.0	0.00
		1. Marie Curie		
		2. Henri Becquerel		
		3. Percy Spencer		
		4. William Stukeley		
		A1:1		