Hall Ticket Number

Q.B.No.	4	2	4	3	2	1

Booklet Code :



Marks : 100 Time : 120 minutes

Signature of the Candidate

Signature of the Invigilator

## INSTRUCTIONS TO THE CANDIDATE

**2PP2S** 

## $({\it Read the Instructions carefully before Answering})$

- 1. Separate Optical Mark Reader (OMR) Answer Sheet is supplied to you along with Question Paper Booklet. Please read and follow the instructions on the OMR Answer Sheet for marking the responses and the required data.
- 2. The candidate should ensure that the Booklet Code printed on OMR Answer Sheet and Booklet Code supplied are same.
- 3. Immediately on opening the Question Paper Booklet by tearing off the paper seal, please check for (i) The same booklet code (A/B/C/D) on each page, (ii) Serial Number of the questions (1-100), (iii) The number of pages and (iv) Correct Printing. In case of any defect, please report to the invigilator and ask for replacement of booklet with same code within five minutes from the commencement of the test.
- 4. Electronic gadgets like Cell Phone, Calculator, Watches and Mathematical/Log Tables are not permitted into the examination hall.
- 5. **There will be** <sup>1</sup>/<sub>4</sub> **negative mark for every wrong answer.** If the response to the question is left blank without answering, there will be no penalty of negative mark for that question.
- 6. Using Blue/Black ball point pen to darken the appropriate circles of (1), (2), (3) or (4) in the OMR Answer Sheet corresponding to correct or the most appropriate answer to the concerned question number in the sheet. Darkening of more than one circle against any question automatically gets invalidated and will be treated as wrong answer.
- 7. Change of an answer is NOT allowed.
- 8. Rough work should be done only in the space provided in the Question Paper Booklet.
- 9. Return the OMR Answer Sheet and Question Paper Booklet to the invigilator before leaving the examination hall. Failure to return the OMR sheet and Question Paper Booklet is liable for criminal action.

This Booklet consists of 13 Pages for 100 Questions + 2 Pages of Rough Work + 1 Title Page i.e. Total 16 Pages.





SPACE FOR ROUGH WORK

**2PP2S** 

Booklet Code A

### **Time : 2 Hours**

Marks: 100

### **Instructions :**

- i) Each question carries *one* mark and <sup>1</sup>/<sub>4</sub> negative mark for every wrong answer.
- Choose the correct or most appropriate answer from the given options to the following questions and darken, with Blue/Black Ball Point Pen, the corresponding digit 1, 2, 3 or 4 in the circle pertaining to the question number concerned in the OMR Answer Sheet, separately supplied to you.

1.		ing the t prrect, it	•	• •	thesis, if exp	eriments	show that the	hypoth	esis formulated is
	(1)	Theori		mo		(2)	New Hypoth	esis	
	(1) (3)	Laws	05			(2) (4)	New Experin		
				•	• •		*		
2.							n and n		
	(1)	Eviden	ce	(2)	Conclusion	(3)	Hypothesis	(4)	Information
3.	Whi	ch of the	e followi	ing wo	rds is NOT as	ssociated	with the scier	ntific me	ethod?
	(1)	Organi	sed	(2)	Sequential	(3)	Arbitrary	(4)	Control
4.	Who	o among	the follo	owing	Indians is not	a Nobel 1	Laureate?		
	(1)	Venkat	araman I	Ramak	rishnan	(2)	C.V. Raman		
	(3)	Homi.	J. Bhabh	ia		(4)	S. Chandrase	khar	
5.		ing scien ects data		estigat	ion, which on	e of the f	ollowing activ	ities occ	urs after a scientis
	(1)	Plan th	e experi	ment		(2)	Form a hypor	thesis	
	(3)	Follow	the pro	cedure		(4)	Draw conclu	sions	
6.	Mat	ch the fo	ollowing						
		List - I					List - II		
		(Scien	tists)				(Scientific In	vention	s)
	A)	Dalton				i)	Law of const	ant prop	portion
	B)	Henry	Mosley			ii)	Model of an A	Atom	
	C)	Thomp	oson			iii)	Neutron		
	D)	Chadw	ick			iv)	Atomic Theo	ory	
						V)	Atomic Num	ber	
		correct	answer i	S					
	The	concert		$\sim$	D				
	The	A	В	С					
	(1)	A (v)	(iv)	(iii)	(ii)				
	(1) (2)	A (v) (iv)	(iv) (iii)	(iii) (i)	(ii) (ii)				
	(1)	A (v)	(iv)	(iii)	(ii)				



- 7. Arrange the following in the chronological order of their development
  - Heliocentric theory i)
  - Universal law of gravitation iii)
- Theory of black holes ii)
- iv)
- Theory of Relativity (iv), (i), (iii) and (ii) (2)

(i), (iii), (iv) and (ii)

- (ii), (i), (iii) and (iv) (1)(iii), (iv), (i) and (ii) (3)
- 8. Out of the following, the nearest definition of science to its meaning is the process of

(4)

- gathering knowledge about the natural world (1)
- (2)reading about the knowledge of the known world
- (3) memorizing answers about the mystic world
- building a belief system about the supernatural world (4)
- 9. The components of syntactic structure of science are
  - Empirical knowledge, Methods, Processes (1)
  - Attitude, Methods, Generalisations (2)
  - Processes, Methods, Attitudes (3)
  - (4) Processes, Empirical knowledge, Scientific facts
- 10. What is a scientific explanation?
  - (1)Any explanation that a scientist makes
  - (2)An explanation based on observations and measurements
  - An idea (hypothesis) about how the natural world works (3)
  - An explanation that fits some of the data (4)
- 11. Which of the following develops scientific understanding among children?
  - A) Reading scientific literature

(3)

- B) Reading biographies of scientists
- Organising scientific experiments and activities C)
- D) Solving problems related to science
- Only C A and C Only (3) B and C Only (1)(2)(4) A, B, C and D

12. Among the following, which pair of terminology and meaning is incorrect.

(1)	Empirical knowledge :		Portrays a hypothetical picture of the world
(2)	Concept	:	An idea of something formed by mentally combining
			defining characteristics
(3)	Hypothesis	:	A testable proposition explaining occurrence of a
			phenomena
(4)	Law	:	Generalised observations about a relationship between two
			or more things of the natural world

- "Knowledge for the sake of knowledge" is a core element in the following value of Physical 13. Science
  - (1)Utilitarian Value (2)Moral Value Vocational Value
    - Intellectual Value (4)

						<b>2</b> P	P2S			1	Booklet Code A
14.	Whi	ch o	ne of	the fo	llowing	g is not the cat	egory of	f "affe	ective dom	ain"?	
	(1)	Org	ganiza	ation	(2)	Interpretation	n (3)	Res	ponding	(4)	Valuing
15.					um tota ectives"		tivities v	which	the school	spons	ors for the purpose
	(1)	Bei	nzam	in S. E	Bloom		(2)	E.J.	Furst		
	(3)	Alt	perty A	A and	Alberty	E	(4)	Dav	vid R. Krath	wohl	
16.			-	oment stude		rests, attitudes	s and va	lues	which is th	ne orde	r of the following
	a)	cor	nmitı	nent			b)	satis	sfaction in	respon	nse
	c)	acc	eptar	nce of	a value		d)	will	ingness to	respon	ıd
	e)	pre	feren	ce for	a value	2			C	•	
	(1)	a,	b,	с,	d,	e					
	(2)	d,	b,	с,	e,	a					
	(3)	a,	d,	e,	b,	С					
	(4)	с,	d,	a,	e,	b					
17.				have t ainme		n style of teac	hing are	said	to have rea	ched th	nis level according
	(1)	Ma	nipul	ation	(2)	Naturalisatio	n (3)	Pree	cision	(4)	Imitation
18.	Whi	ch of	f the f	follow	ing is N	NOT an action	verb for	unde	erstanding	domaiı	1.
	(1)	Co	mpari	ing	(2)	Explaining	(3)	Inte	rpreting	(4)	Defining
19.	Mat	ch th	e foll	owing	ζ.						
	a)			-	g enviro	nment		i)	Learning	g to be	
	b)	Co	mpet	ence a	nd skil	ls for life		ii)	Learning	g to live	e together
	c)		-			and environm	nent	iii)	Learning		÷
	d)			•	• •	elf in creative		iv)	Learning		
	ŕ	-	ivitie					,			
		a	l	b	с	d					
	(1)	(ii	i)	(iv)	(ii)	(i)					
	(2)	(i	)	(iii)	(ii)	(iv)					
	(3)	(ii	i)	(i)	(iv)	(iii)					
	(4)	(iv	/)	(ii)	(i)	(iii)					
20.	The	pupi	l dist	inguis	shes bet	ween simple o	distillati	on an	d fractiona	l distil	lation. The pupil's

20. The pupil distinguishes between simple distillation and fractional distillation. The pupil's level of accomplishment is

(1) Knowledge (2) Understanding (3) Application (4) Analysis



- 21. Which of the following statements is true.
  - (1) A concept can be divided into different levels of learning. It has to be an integral whole
  - (2) A concept cannot be divided into different levels of learning. It has to be an integral whole
  - (3) Teaching learning cannot be organized around certain broad integrated key concept.
  - (4) A concept can be divided into different levels of learning and there is no necessity for an integral whole

### 22. Which of the following is not synonymous with blended learning?

- contract learning (2) hybrid learning (1)(3) web enhanced instruction (4)technology mediated learning 23. "Collective monologue" is a characteristic of \_\_\_\_\_ (1) Concrete operational stage (2)Sensory - motor stage (3) Formal operational stage (4) Pre operational stage 24. Technique that involves changing the level of support for learning is known as \_\_\_\_\_ (1)Reasoning (2)Scaffolding **Problem-Solving** Sensation (3) (4)Which one of the following is not the primary attribute of meaningful learning. 25. Constructive Manipulative (1)(2)(4)Authentic (3) Imaginative
- 26. "Private speech is important tool of thoughts during early childhood" this statement is related to which learning theory
  - (1) Humanistic learning theory (2) Cognitive learning theory
  - (3) Social cognitive learning theory (4) Behaviouristic learning theory
- 27. Which one of the following is <u>not</u> the characteristic of the pre-operational stage of cognitive development learning theory given by piaget.
  - (1) Animism (2) Egocentric (3) Intuive (4) Logical thinking
- 28. Which one of the following phase is not associated with Ausubel's learning theory.
  - (1) Strengthening the cognitive organization
  - (2) Chunk information into small sets for recall
  - (3) Presentation of advance organizer
  - (4) Presentation of learning task

29. Which of the following does Not generate cognitive conflict. discrepant events (1)mutually conflicting alternative conceptions. (2)(3) occurrence of identical concepts (4)occurrence of similar events Hypothetical deductive reasoning is one of the important characteristics of \_\_\_\_\_ 30. Concrete operational stage Formal operational stage (1)(2)Pre-operational stage Sensory - motor stage (3) (4) Which among the following are major NCF-2005 guidelines for curriculum development 31. Connecting knowledge to life outside school. a) Rigid examination system. b) To shift learning away from rote methods. c) To make learning text-book centered. d) (1) a, b, c (2) a, b and d (3) b, c and d (4) a and b National Curriculum Framework 2005 recommends the role of teacher as 32. Facilitative Authoritative (2)(3) Permissive (4)Democratic (1)33. Match the following: List - I List - II **Committee Reports** Year of Recommendation Learning without Burden i) 1976 a) Secondary Education Commission 1977 ii) b) First NCF for Teacher Education iii) 1952 c) d) Review Committee (Iswarbhai Patel Committee) 1993 iv) on the curriculum for the Ten-year school 1978 v) The correct answer is (a) (b) (c) (d) (1)(v) (iii) (i) (iv) (2)(iii) (iv) (v) (ii) (3) (i) (iv) (iii) (v) (4) (iii) (ii) (i) (iv) According to the modern concept of curriculum it should cater to 34. (1)Knowledge development (2) Life-skills development Social development (3)(4) All round development



- 35. Beginning with sun as the source of light in elementary classes, progressing through different classes and midway studying refraction through glass slab in class 7 and culminating with LASER in class 10 is \_\_\_\_\_ approach to curriculum organisation.
  - (1) Topical (2) Logical (3) Integrated (4) Concentric

36. The forward looking principle suggests the preparation of curriculum keeping in view of the next few

(1) days (2) weeks (3) months (4) years

37. Most Effective Teaching Method for measurement concept is :

- (1) Lecture Method (2) Demonstration Method
- (3) Laboratory Method (4) Discussion Method
- 38. To increase the participation of students during teaching of the topic 'our universe', the teacher should
  - (1) take the students to the ground
  - (2) ask the students about their observations about universe
  - (3) bring photographs of milkyway
  - (4) conduct the class in the night time to show stars and moon

39. Before demonstrating light and heat experiments in the classroom the teacher should

- (1) Ask the students to do the experiments at home
- (2) Ask the students to bring bulbs and fire to the classroom
- (3) Rehearse the experiments before the begining of the class
- (4) Arrange models instead of original objects
- 40. The topic "Image formed by a convex lense" can be effectively taught using
  - (1) Lecture method with a figure on the blackboard
  - (2) Lecture Demonstration method
  - (3) Laboratory method
  - (4) Scientific method

41. Which of the following topics can be effectively taught using project method for 6<sup>th</sup> class students

- (1) Atomic structure (2) Electro magnetism
- (3) Our Universe (4) Measurement
- 42. 'Atomic structure' lesson can be effectively taught using
  - (1) Lecture Method using analogies, models
  - (2) Lecture cum Demonstration Method
  - (3) Laboratory Method
  - (4) Heuristic Method with models

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43.	Ioni	c bond and Covalent bond concepts car	n be ef	fectively presented in the class by
	(1)	Scientific method	(2)	Project method
	(3)	Lecture - demonstration method	(4)	Lecture method with models
44.	Lear	ming by doing and learning by living prin	ciples	are fulfilled in method of teaching.
	(1)	Heuristic method	(2)	Project method
	(3)	Laboratory method	(4)	Historical method
45.	'Atc	omic structure' can be introduced using.		
	(1)	Lecture method	(2)	Project method (along with field trip)
	(3)	Laboratory method	(4)	Historical method
46.	The	properties of acids and bases can be for	und ou	at by students by themselves in
	(1)	Heuristic Method	(2)	Scientific Method
	(3)	Project Method	(4)	Problem Solving Method
47.	Issu	es related to environmental pollution ar	nd its i	mpact on living system can be taught by
	(1)	Lecture method	(2)	Laboratory method
	(3)	Project method	(4)	Heuristic method
48.	For	which of the following topics students	can be	e asked to prepare working models?
	(1)	Natural Resources	(2)	Mechanics
	(3)	Electromagnetism	(4)	Chemical bonding
49.	Whi	ch of the following topics merges Phys	sics an	nd Chemistry?
	(1)	Motion	(2)	Chemical reactions
	(3)	Atomic structure	(4)	Magnetism
50.	Whi	ch of the following topics is less appro-	priate	on a rainy day for demonstration
	(1)	Magnetism	(2)	Static Electricity
	(3)	Current Electricity	(4)	Electro Magnetism
51.	(the	e curriculum is the tool in the hands of pupil) according to his ideal (objective above statement was made by		rtist (The teacher) to mould his material his studio (the school)."
	(1)	Cunningham (2) Munoro	(3)	Brubacher (4) Ulich
52.		an effective teaching of a chapter in the te testing for that unit is determined by	ext boo	ok, the no. of hours for theory, experiments
	(1)	Head Master and school plan	(2)	Teacher and his year plan
	(3)	Teacher and his unit plan	(4)	Teacher and his lesson plan
		9- 4		



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53.	Whi	ch of the followi	ng is	incorrect a	about le	esson	plan?						
	(1)		t helps in lesson delivery confidently										
	(2)	-	t helps in systematic presentation										
	(3)	It enables teach	er to	determine	the flo	w of	lesson						
	(4)	It helps to evalu	ate th	ne teacher'	s teach	ing sl	kills						
54.	The	correct sequence	ofst	ens in Her	bertiar		on plan is :						
54.	a)	Introduction	or st	eps in mei	UCITIAI	1 10350	on plan is .						
	u) b)	Presentation of	lesso	m									
	c)	Comparison and											
	d)	Generalization											
	e)	Application and	Reca	pitulation									
	(1)	a, b, c, e, d	(2)	a, b, d, c,	e	(3)	a, b, c, d, e	(4)	a, b, d, e, c				
55.	The	sequence of steps	s in N	Aorrison L	esson	Plan i	s:						
	a)	Exploration											
	b)	Assimilation											
	c)	Organisation											
	d)	Presentation											
	e)	Recitation											
	(1)	a, b, c, d, e	(2)	a, b, d, c,	e	(3)	a, b, e, c, d	(4)	a, d, b, c, e				
56.	Arra	ange the lesson-pl	an es	sential asp	pects in	appr	opriate sequence	e :					
	a)	Specific objecti	ves			b)	Introduction						
	c)	Presentation				d)	Recapitulation						
	(1)	b, c, d, a	(2)	a, b, c, d		(3)	a, c, b, d	(4)	b, c, a, d				
57.	Arra	ange the physical	scien	ce project	based 1	esson	plan aspects in	a sequ	ence that are given				
	belo												
	a)	Creating the situ				b)	Planning the p	·					
	c)	Proposing and c			oject	d)	Executing the	1 5					
	e)	Evaluating the p	5		C	f)	Recording the						
	(1)	a, b, c, d, e, f				(3)							
58.		at is the sequence		-	t of the	follo	wing activities of	of a Ph	y. Sc. Teacher				
	a)	Declaration of t		•	1	1.4	• •						
	b)	Explanation with		-		sual A	ads						
	c)	To asses the prev	vious	knowledg	ge								
	d)	Recapitulation	( <b>2</b> )	abad		(2)	a a <b>b</b> d	(A)	bacd				
	(1)	a, c, d, b	(2)	a, b, c, d		( <b>3</b> )	c, a, b, d	(4)	b, a, c, d				



59.	The (1) (2) (3) (4)	To asse To asse Teache	es the entess the uner takes t	try Beha nderstan he feedb	step used in viour of st ding level back to self edback to s	udent of student	Teaching : t		
60.		• -	-		ich a stude blackboar		es while lea	rning the	concept of atomic
	(1)	Concre	-		Abstract	(3)	Direct	(4)	Indirect
61.	-	-		text, gra	aphics, aud		-		os is known as
	(1)		learning			(2)	audio-visu		
	(3)	multi-r	nedia			(4)	mixed met	hodology	
62.	Mat		ollowing				a .	0 1	
		Proces				:)	Separation		nces
	a)		fugation			i)	drugs fron		
	b)	Sublim				ii)	acetone an		
	c) d)	Distilla	atograph	y		iii)	Petroleum Cream fro	-	
	d)	Distilia	ation			iv) v)	Salt and ar		chloride
	The	correct	answer i	5		•)	Suit and a	innonnunn	emonde
		а	b	с	d				
	(1)	(iii)	(ii)	(v)	(iv)				
	(2)	(iv)	(v)	(i)	(ii)				
	(3)	(iii)	(i)	(ii)	(v)				
	(4)	(iv)	(iii)	(ii)	(i)				
63.	Whi	ch of the	e followi	ng woul	d be the le	ast impor	tant factor f	or judging	a science exhibit?
	(1)	Physic	al appear	ance		(2)	Creative a	bility	
	(3)	Scienti	fic thoug	ght		(4)	Education	al value	
64.	The	main aiı	m of con	ducting	a Science	Olympiad	1 is		
	(1)			-	ding to the				
	(2)	to help	student	s score b	better in pr	ofessiona	l exams		
	(3)	to pror	note exc	ellence b	oy nurturin	g creativi	ty and expe	rimentatio	n
	(4)	to iden	tify and	grade in	stitutions of	on basis o	f students p	erformanc	e
65.	Inte	ractive s	oftware	is a type	e of				
	(1)				nal media	(2)	Audio inst	ructional 1	nedia
	(3)	Visual	instructi	onal me	dia	(4)	Kinestheti	c instructi	onal media



- The most abstract experience regarding space, out of the following according to the cone 66. of learning experience is \_\_\_\_\_
  - Reading a novel on 'space shuttles' (1)
- (2)Visiting a planetarium
- Viewing a movie 'star wars' (3)

Taking an aerial view on a space shuttle (4)

### Practical work is an essential component of science teaching and learning 67.

- for fulfilling the aim of developing scientific knowledge (1)
- (2)for communicating scientific work
- for establishing link between objects and observable phenomena (3)
- for differentiating research and laboratory work (4)

68. Which of the following is not correct with the present physical science text books.

- (1)Index provided (2)Content divided into chapters
- Laboratory manual provided (3) Images and figures provided (4)

#### Which of the following best describes a concept map? 69.

- map of subdivision (1)
- (3) foldable map for navigation
  - survey of a topological area (4)

#### A black board cannot be used for \_\_\_\_\_ 70.

- (1) improvement of a paragraph generating reports based on data (3)
- (2) representing data schematically
- (4) portraying summary of relationships

visual representation of an idea

- Which of the following will prove to be a better learning resource for teaching the concept 71. of 'Work done'?
  - Explaining the 'work done by a constant force' using a chalkboard (1)
  - Referring the students to read the explanations and descriptions of work done by a (2)constant force and the diagram given in the text book

(2)

- Explaining through chart showing examples of work done (3)
- (4) Conducting an activity by lifting an object and give reasons for positive work and negative work
- Among the following, which pair of instrument and its use is correctly matched. 72.
  - : inner and outer diameter of tube i) Calipers
  - ii) Venturimeter : rate of flow of liquids
  - iii) hypsometer : density of liquids
  - hygrometer : atmospheric pressure iv)
  - (1) (i) and (iii)(4) (ii) and (iv) (2) (i) and (ii) (3) (iii) and (iv)
- Which of the following statements is true. 73.
  - Measurement and evaluation are same (1)
  - (2)Measurement includes evaluation
  - (3) Evaluation includes measurement
  - (4) Evaluation in done first and then measurement



74.	Which of the following is the most appro	priate for testing laboratory skills							
	(1) Written test	(2) Project work							
	(3) Practical work	(4) Concept mapping							
75.	The following is prepared before preparing a test paper								
	(1) Blue print	(2) Scheme of options							
	(3) Questionwise analysis	(4) Scoring key							
76.	How many question papers can be prepare	ed by a teacher with a single blue print							
	(1) only one (2) two	(3) three (4) any number							
77.	Which of the following type of questions	has the high degree of subjectivity?							
	(1) Multiple choice	(2) True or False							
	(3) Short Answer	(4) Essay							
78.	If a measuring tool gives the same result	on repeated measuring process, it is said to be							
	(1) Valid (2) Reliable	(3) Objective (4) Measurable							
79.	Which one of the following is <u>not</u> the adv	vantage of objective type test							
	(1) Marking can be done speedily	(2) Difficult and time taking to construct							
	(3) Higher diagnostic value	(4) Free from subjectivity							
80.	In an achievement test the teacher focuse	s on							
	(1) Marks obtained by students	(2) Mistakes done by students							
	(3) No. of students who wrote the exam	(4) No. of students absent from the exam							
81.	A diagnostic test is conducted to identify	the							
	(1) Strengths of students	(2) Strengths and weaknesses of students							
	(3) Strengths of teachers	(4) Weaknesses of teachers							
82.	Measurement of attitudes in physical scie	ences can be done using.							
	(1) Inventory	(2) Rating scale							
	(3) Achievement test	(4) Performance test							
83.	Evaluation of a project can be carried out	with the help of							
	(1) Product of the project	(2) Feelings of the students							
	(3) Impression of the teacher	(4) Cost of the project							
84.	Which of the following types of question	as is easy to construct but difficult to assess							
	(1) Matching (2) True or False								
85.	The basic concept behind Inclusive Educa	ation is:							
05.	<u> </u>	nool should be sensitive to respect this diversity							
	for inclusiveship								
	*	parameters for every child's performance							
		ldren of special needs and that they get access to							
	the facilities								
	(4) It is not possible to arrange the spec	cial school with the same cost							



- From among the following choose the option that consist of the members of Individualized 86. Education Program (IEP).
  - Speech therapist, Interpreters, Political representative (1)
  - Parents, Special experts, Regular education teachers (2)
  - (3) Special educator, Teacher educator, ICT Specialist
  - Aganwadi teacher, Primary health worker, School teacher (4)

#### 87. Visually Impaired Students feel problem in Physical Science because they are unable to:

- Express their scientific attitude (1)
- (2) Correlate the science concepts with behavioural life aspects
- (3) Perform the laboratory work
- (4) Understand the science concepts

88. The major cause behind the Backwardness of students in Physical Sciences is:

- (1) Lack of Laboratory
- (3) Lack of scientific attitude (4) Lack of Scientific Environment

89. Science can be taught to children with special needs with the help of :

- **Trained Teacher** (1)
- (2) Assistive Technologies **General Environment Inclusive Environment** (3)(4)

90. Match the following :

- A
- Orkut a)
- Podcast b)
- Flickr c)
- Blogs d)
- a-iii, b-iv, c-i, d-ii (1)
- (2)a-iii, b-iv, c-ii, d-i
- (3) a-iv, b-iii, c-ii, d-i
- a-i, b-ii, c-iii, d-iv (4)

- В
- i) to post home work
- ii) photomanagement
- to create communities iii)
- iv) sharing of audio and video files

(2) Lack of enthusiastic Teacher

- 'National Science Education Standards' was established by the 91.
  - NCTE National Council for Teacher Education (1)
  - (2)NIN - National Institute of Nutrition
  - NRC National Research Council (3)
  - (4) UGC University Grants Commission
- RCI provides the training to: 92.
  - (1) General Teacher for the secondary level
  - (2)Special Teacher for the secondary level
  - Both General teacher and Special teacher for the secondary level (3)
  - (4) Higher Education Teacher

		<b>2PP</b>	<b>2</b> S	Booklet Code
93.	Whi	ch of the following is not a nonformal	scienc	ce learning context?
	(1)	Museum (2) Laboratory	(3)	•
94.	Whi	ch kind of waves are used to transmit a	nd rec	eive mobile phone calls.
	(1)	Sound waves	(2)	Infrared waves
	(3)	Radio waves	(4)	Micro waves
95.	Con	sider the following salts and their comr	non n	ames.
	I)	Copper Sulphate - blue vitriol		
	II)	Iron sulphate - green vitriol		
	III)	Sodium carbonate - baking soda		
	Whi	ch of the above pairs is correct?		
	(1)	Only I (2) I and II	(3)	II and III (4) I and III
96.	Con	sider the following statements about pl	astics	,
	I)	These are usually nonreactive		
	II)	These are poor conductors of heat and	d elec	tricity
	III)	These get easily corroded in open atm	nosph	ere
	Whi	ch of the above statements is/are corre	ct?	
	(1)	Only II (2) I and II	(3)	II and III (4) Only I
97.	Whi	ch one of the following is <u>not</u> the main	cause	e for depletion of Ozone layer?
	(1)	Halons, Chlofluro carbons	(2)	Chlorofluro carbons, Methylbromide
	(3)	Halons, Chloroflurocarbons	(4)	Carbon tetrachloride, Carbondioxide
98.	Whi	ch of the following is used to make car	ry bag	gs?
	(1)	PVC (Poly Vinyl Chloride)	(2)	PTFE (Poly Tetra Fluro Ethylene)
	(3)	HDPE (High Density Poly Ethylene)	(4)	LDPE (Low Density Poly Ethylene)
99.	Arra	inge the following in the increasing ord	er of t	heir pH value.
	i)	Vinegar	ii)	Human blood
	iii)	Pure water	iv)	Milk
	(1)	(i), (ii), (iii), (iv)	(2)	(ii), (iii), (iv), (i)
	(3)	(iii), (ii), (iv), (i)	(4)	(i), (iv), (iii), (ii)
100.	Of th	ne following, in which type of environr	nent c	loes nonformal science education occur?
	(1)	Informal	(2)	Formal
	(3)	Non formal	(4)	Informal and Nonformal





SPACE FOR ROUGH WORK