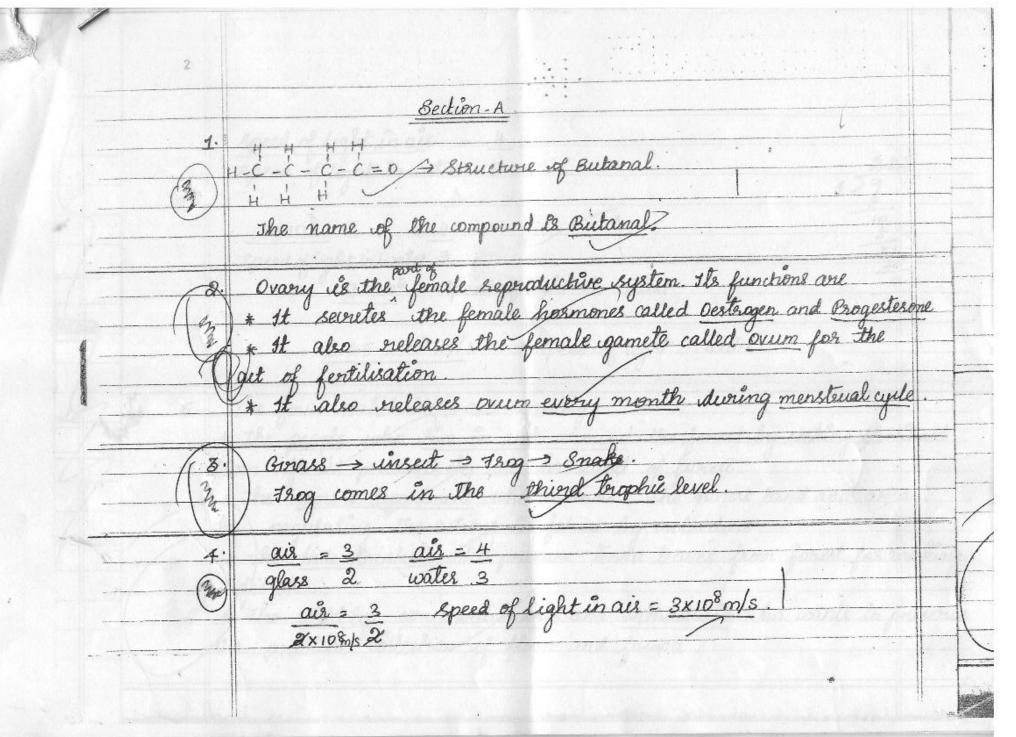
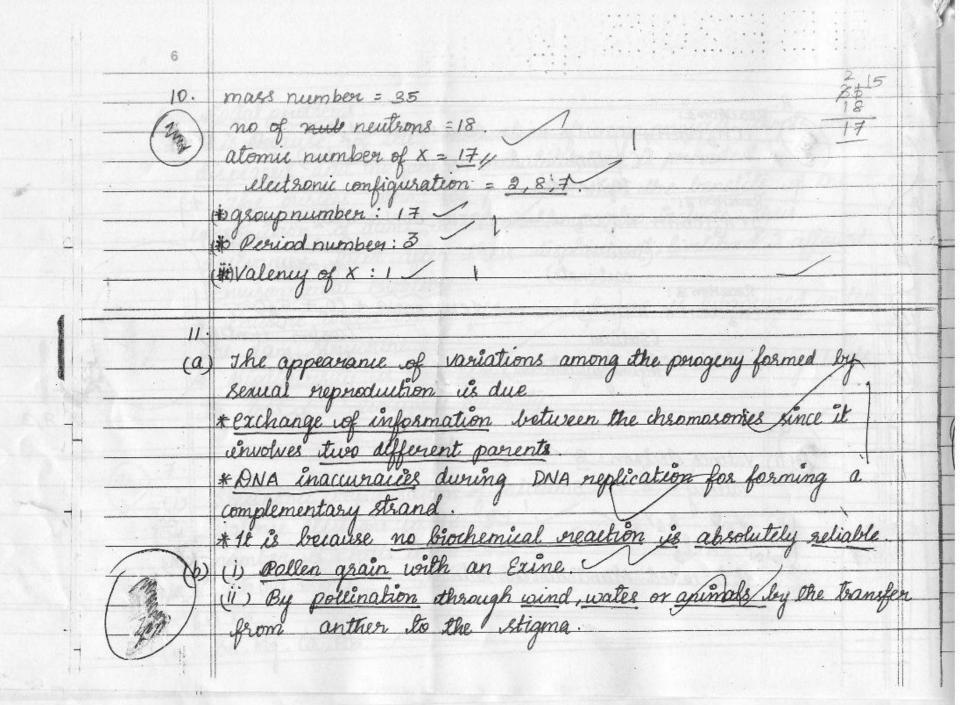
केन्द्रीय मध्यमिक शिक्ष कोई दिल्ली मध्यमिक स्कूल परीश (कहा दसवी) परीक्षार्थी प्रदेश- एत्र के अनुसार भरे

fina who Subject C	BCIENC		7
परीक्षा का दिन एवं	तिथि		V. 02.03.2
उत्तर देने का मध्यम Medium of answer			
प्रसम् पत्र के कपर लिए कोड को दशाए Write code No as writhe top of the questio	tten on 📆	de Number	Set Number
अतिरिक्त उत्तर-पुरित No. of supplement			
विकलांग व्यक्ति Person with Di		ਸ਼ੈਂ / ਜਸ਼ੀਂ Yes / No	No
किसी शारीरिक अक्षमत If physically challen			र्ग 🗸 का निशान लग। ्र
F	DH	s c	A
क्या लेखन - लिपिक Whether writer pre		Yes / No	
यदि दृष्टिहीन हैं तो उपर सोफ्टवेयर का नाम :	and the second second		
	name of softwar । नाम के प्रत्येक भाग वेकल नाम के प्रथा one box and on	ा के बीच एक खाना रिक 1 24 अक्षर ही लिखें। 2 box be left blank h	etween each part of t
सोफटवेयर का नाम : If Visually challenged, *एक खाने में एक अक्षर लिखे नाम 24 अक्षरों से अधिक है, त Each letter be written in	name of softwar । नाम के प्रत्येक ध्रम ो केवल नाम के प्रथम one box and one 's Name exceeds	ा के बीच एक खाना दिव 124 अमर ही लिखें। 2 box be left blank b 24 letters, write firs	etween each part of t
सोफ्टवेयर का नाम : If Visually challenged, <sup>8</sup> एक खाने में एक अशर तिखे नाम 24 अशरों से अधिक है, त Each letter be written in name. In case Candidate कार्यालय उपयोग	name of softwar । नाम के प्रत्येक ध्रम ो केवल नाम के प्रथम one box and one 's Name exceeds	ा के बीच एक खाना दिव 124 अमर ही लिखें। 2 box be left blank b 24 letters, write firs	etween each part of to 24 letters.
सोफ्टवेयर का नाम : If Visually challenged, <sup>8</sup> एक खाने में एक अशर तिखे नाम 24 अशरों से अधिक है, त Each letter be written in name. In case Candidate कार्यालय उपयोग	name of softwar । नाम के प्रत्येक ध्रम ो केवल नाम के प्रथम one box and one 's Name exceeds	ा के बीच एक खाना दिव 124 अमर ही लिखें। 2 box be left blank b 24 letters, write firs	etween each part of to 24 letters.
सोफ्टवेयर का नाम : If Visually challenged, <sup>8</sup> एक खाने में एक अशर तिखे नाम 24 अशरों से अधिक है, त Each letter be written in name. In case Candidate कार्यालय उपयोग	name of softwar । नाम के प्रत्येक ध्रम ो केवल नाम के प्रथम one box and one 's Name exceeds	ा के बीच एक खाना दिव 124 अमर ही लिखें। 2 box be left blank b 24 letters, write firs	etween each part of to 24 letters.



			3
		Speed of light in air = 4  Speed of light in water 3  2.2  459	5
		$3 \times 10^8 = 4$	2
tesone		Speed of light in water 2008 =	
10.7	5.	= 2.25 × 10° m/s → Speed of light in unter.  The four stakeholders are namely;	2, 1
1	- 122	the people who live in and around the forest by seeking lively from forest products etc. i.e., habitants of forest.  * The tonest department who controls the tonest land and are	a
	1	* The Industrialists who procure tende leaves from forest for n	00
	The state of the s	Bidis etc. * The wild life conservationasts and enthusiasts who wants to p the pristine collection of flora and farma.	neserve

Social problems: \*It is because of the construction of mega proje Sleetronic configurat Be, Mq, Ca, Rb.

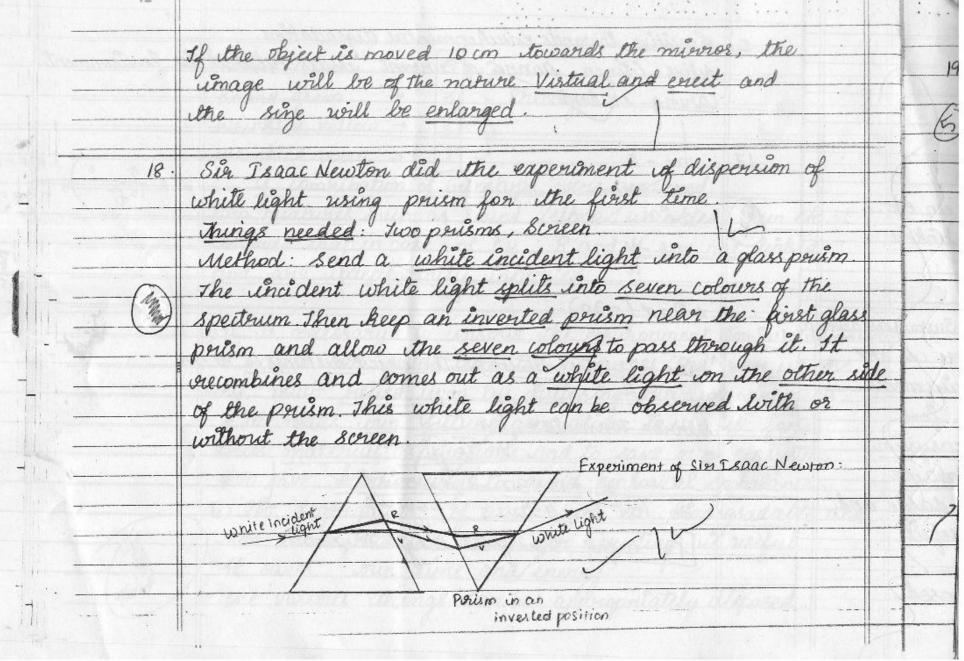


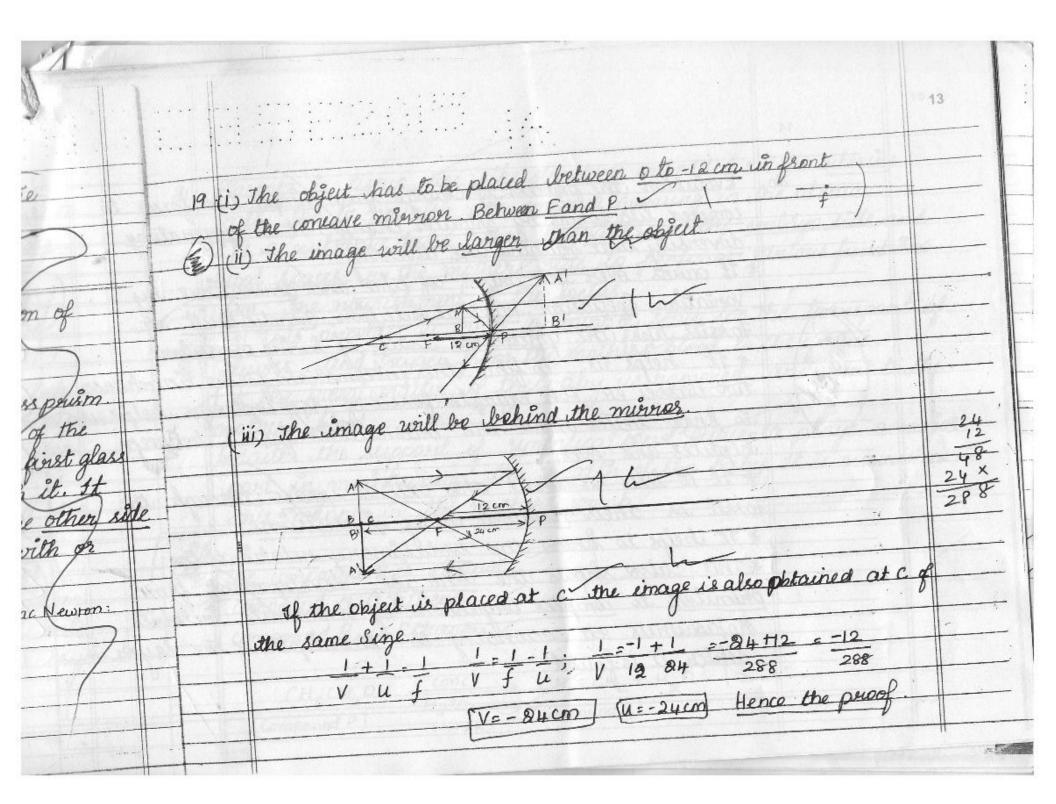
(111) C is the pollen tube that carries the male gamete from Stigma through style to the embryo sae to fertilise with (iv) After fertilisation is over, zygote is formed 12. The creation of new individuals from the existing individuals or individual for the species to survive is called reproduction The consistency of the DNA is maintained inonder to organical Similar kind of organisms with some body design for to fit to a particular sache thus, reproduction stability tof the population of species population size, that makes us to notice the particular ning differentiated on multicellular organisms has the ability to the transfer

able to reproduce This is an asexual mode of reproduction. This also takes place in Planaria. 14. Evolution and classification are interlinked \* classification is done according to ancester in the first a cousin us related when the brother and a sister are considered So, classification tells about the organisms from the cell

level till in whether the organisms are vertebrates on invertebrates epenale gre This comparison neveals that evolution and classification goes hand in ragnisms hand when we go back along this hierchy it is found that life originated from unanimate matters in the primitive age. rive rise to ele organism Molecular Skylogery also tells about genetic affinities and pris resol sequences shis helps to organise a group with common ancestor and a Super group with distant anceston. 15. Mendels dihybrid cross shelps to know that traits are inherited atsotakes undependently. Various alleles eremain together in hybrid union and at the time of progery formation they assort independently. This was proved by the new mistures of plants that were ( wrinkled of Yellow) (sound green) Rryy (Round tellow) - F1 neidered 9:3:3:1 (Phenotype satio) the cell

83850855 BS)	Round Yellow - 9 7
	Round green -> 3 & Phenotype.
	Wrinkled Yellow -> 3
	Wrinkled green - 1)
	9 combination of Grenetype were protured.
	New mintures such as sound Yellow, wrinkled green etc.
	showed that in case of Ry, R and y are not linked
	and are independently inherited.
. 16.	a) It is necessary to conserve the environment for Sustainable develop * fulfill our needs from the resources that were we are
	Very much relied upon by talloring our requirements.
	* To make your fullury generation to use it long
	while material aspirations and to save our evosystem.
	* To save biodiversity to avoid evological embalance.
	b) The segregation of waste such as biodegradable and
1/2/2	non-brodegradable wastes for nearling is useful.
- 3	It saves our time and energy.
gire /	The various things can be appropriately disposed.





Evolution the process of change from simple life complex life forms by gradual change. It is generating diversity and shaping the diversity \* It occurs over the course of time and generations Variation, Speciation, Natural Selection; Genetic drift Fossils are the preserved traces of living organisms \* It helps us to find the intermediate for to know better about the reptiles and Aves \* It it tells us about the extinct Fossil or their retained body imperessions \* It helps to know the evolutionary relationship primitive to complex organisms. eg. v

			15
opms to	21	Placenta is tissue, tisc like structure embedded on the utering	3
ating		wall for to nowish the emborgo growing in the uterus.	
		It is a nutritive turne that has will on the embryo side of	nd
3 loss		whood spaces on the mothers side to perform various functor	ลิทธ
· ekc.		for the nourishment of the foetus,	
kms.	1 = 1	* This provides a large amount of space for the transport	tol
inbehveen	1/4	* The faecal matter of the baby is removed and sent to mother's blood.	7
hetps us		* The faecal matter of the baby is removed and sent to	the.
etween			
	1 1000	* with the support of umbilical word, Placenta plays a report in maintaining the health of the baby. It is nouristhis manner in the mother's womb.	กลเอร
sh the		part in maintaining the health of the baby It is nound	hed in
	3 23	this manner in the mother's womb.	ν
ine 7	28		8.8
ls om.	( 8/2	The compound P is othernol.	
lobite.	74	compound of & Ethene 12	Alexander
2 layer in	3	compound R is Ethane	
The state of the s			*
	100	CH_CH_OH _ conc. SCH_=CH_+ H_O 12	
	1 3 3 4	$\begin{array}{c c} CH_3CH_2OH & \underline{conc.} & CH_2=CH_2+H_2O & \\ \hline (Compound P) & Haso_4 & (Compound Q) & \\ \hline \end{array}$	
		(473 %)	

Kilon.

Addition: (compound a) combustion : 2 (02 + 3 H2 0 x Heat and Light. C2+6+02-(compound R) The compounds P, Q, R are Ethanol, Ethene and Ethane respectively. the refraction of light nays when it passes through the atmosphere bend towards the normal and reaches us This atmosphere in phenomena of refraction in the atmosphere is called atmospheric refraction. (a) Twinkling of Stars: The starlight on entering the atmosphere undergoes reforaction completely and continuously. It bend towards the normal. Since, the atmosphere is not stationary, the apparant position of Stan changes It appears slightly higher up. The amount of starlight that enters

eye fluctuates So, the : star flickers and causes the twinkling effect So, the star appears to be twinkling and this because of the atmospheric refraction Mapparent position of stan original position of Star rane b) Advanced survive and delayed Sunset: Survive and sunset is actually the crossing of horizon by the sun. The advanced survise and delayed survet is due through the to atmospheric orefraction. The difference between the artial aches as survise and apparent survise is two minutes. Likewise the n the atmosphere difference between the actual sunset and apparent sunset is two minutes. The flattening of sun's disc is also due to this e undergoes phenomena. APPARENT (ADVANCED) APPARENT ( DELAYED) towards the DESERVE SUN DURING SON DURING SUNSET

. 11

The distance between the principal focus and the optical centre of	
the concave dens or awerging dens its called the focus length of	+
Lens formula:	
1-1:1-1	9
	6
15 U 30 U 30 (15).	
- <u></u> + <u></u>	
-1=151	
[U=-30.01]	
	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$

20		
-	SECTION -B.	
_ ) 25.	(d) Radicle, cotyledon, Plumule.	-
- 126	(a) carrot and Radish.	
	a) m, LA and LP.	
07	(a) /i is more than in but nearly equal to Le	
	(b) inverted and diminished.	
1292	Done spend the transfer	1
- 130	a) lens slightly towards the screen.	
31 ~	(c) castor oil and sodium hydroxide.	
- (322	(c) There is no change in the blue litmus paper and the red	
	litmus paper turns blue.	
- \ 33.88.	(d) calcium chloride, magnesium chloride.	
- 34	He could probably observe the proturbence called bud.	-
	De pudeus of bud	
	bud -	
	nucleus of yeast \.	
I Am	After the protuberance comes out, they form colony of chain of	
-	brids.	
	chain of Bods.	
		=
* <u></u>		

