

Meaning of Blue Print

Steps of Blue Print

Objectives

Forms of Questions

# Preparation of Blue Print

Weightage to Different  
Learning Objectives

Weightage to Difficulty  
Level

Weightage to the Different  
Units

Weightage to Different  
Forms of Questions

Presenter

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# Meaning of Blue Print

A ready reference / an array of nature of questions of a question paper is called Blue Print of the question paper. A layout of nature of questions in respect of Knowledge, Understanding, Application, Marks, Topics, and Estimated Difficulty Level etc is called Blue Print of the question paper.

## STEPS IN DESIGNING A GOOD BLUE PRINT

- Weightage to Objectives
- Weightage to different areas of content.
- Weightage to different forms of questions.
- Weightage to difficulty level
- Scheme of options.( Blue Print)
- Selections in question paper.

## Objectives

Language	Knowledge	Comprehension	Skill of Oral Expression	Appreciations
	Recalls Recongnises	Tells Narrates Uses Describes Locates Detects Underlines Infers Explains Reports Establish Relationship Gives Examples Classifies Corrects Compares Analyses Constructs	<b>Skill of Oral Expression</b> Reproduce Explains Organises Imitates Recites Dramatises <b>Skill of Written Expression</b> Writes Copies Takes dictations Uses	Enjoys Shares emotions Sing songs Express his appreciation

## Forms of Questions

Examination : there are Five types of examination

1. Oral Examination
2. **Written Examination**
3. Performance Test
4. Unit Test
5. Diagnostic Test

**Written Examination There three types**

1. Essay type
2. Short Answer
3. Objective type :  
Fill in the blanks,  
Match the following,  
completion type questions,  
rearrange the sentence,  
abbreviations,  
True or False,  
Multiple choice question,  
yes or no questions,  
fill up the missing letters,  
one word substitutions.

## Scheme

• Multiple Choice Question	5X1=5	5X1=5
• Fill in the Blanks	5X1=5	5X1=5
• VSA	5X2=10	10X2=20
• SA	4X5=20	7X5=35
• Essay Type Questions	1X10=10	2X10=20
• Total	50M	85M

## Weightage to Objectives

Sl No	Objectives	No of Questions	Marks
1	Knowledge	12	31
2	Understanding	09	30
3	Application	06	17
4	Skill	2	7
Total		29	85



BACK

## Weightage to Contents

Sl No	Contents	No of Questions	Marks
1	Organisations	3	11
2	Human Physiology	5	11
3	Animal Reproduction	4	10
4	Our Environment	4	10
5	Applied Embryology	4	14
6	Diseases	6	21
7	Applied Biology	3	8
Total		29	85



BACK



## Weightage to Different form of questions

Sl No	Type of Questions		No of Questions	Marks
1	Objective Type of Questions	MCQ	5(1)	5
		FIB	5(1)	5
2	SA	VSA	10(2)	20
		SA	7(5)	35
3	Essay Type of Questions		2(10)	20
<b>Total</b>			<b>29</b>	<b>85</b>



BACK

## Weightage to Difficulty Level

SI No	Difficulty Forms	No of Questions	Marks
1	Easy	20	30
2	Average Difficult	7	35
3	Difficult	2	20
<b>Total</b>		<b>29</b>	<b>85</b>



**BACK**

U n i t s	Knowledge					Understanding					Application					Skill					Total
	M C Q	F I B	V S A	S A	E T Q	M C Q	F I B	V S A	S A	E T Q	M C Q	F I B	V S A	S A	E T Q	M C Q	F I B	V S A	S A	E T Q	
1	1 (1)	-	-	1 (5)	-	-	-	-	1 (5)	-	-	-	-	-	-	-	-	-	-	-	3 (11)
2	1 (1)	-	1 (2)	1 (5)	-	-	1 (1)	-	-	-	-	-	-	-	-	-	-	1 (2)	-	-	5 (11)
3	1 (1)	-	-	-	-	-	-	1 (2)	-	-	-	-	1 (2)	-	-	-	-	-	1 (5)	-	4 (10)
4	-	-	1 (2)	1 (5)	-	-	-	-	-	-	-	1 (1)	1 (2)	-	-	-	-	-	-	-	4 (10)
5	1 (1)	-	-	-	-	-	1 (1)	1 (2)	-	-	-	-	-	-	1 (10)	-	-	-	-	-	4 (14)
6	-	1 (1)	-	1 (5)	-	-	-	2 (4)	-	1 (10)	1 (1)	-	-	-	-	-	-	-	-	-	6 (21)
7	-	-	1 (2)	-	-	-	-	-	1 (5)	-	-	1 (1)	-	-	-	-	-	-	-	-	3 (8)
T	4	1	6	20	-	-	2	8	10	10	1	2	4	-	10	-	-	2	5	-	85
12(31)					9(30)					6(17)					2(7)					29 (85)	
1. Objectives					2. Contents					3. Questions					4. Difficulty						

## X STD

## Model Question Paper ( Theory)

Science II

Time : 1 ¼ hrs

Marks : 50

Biology - Zoology

Section - B

## I Choose the correct answer

5 x 1 = 5

1. Haemoglobin consists of a protein part called
  - a) Haem
  - b) Globin
  - c) Iron
  - d) Heparin
2. In Frog internal cavity called ventricle is not present in
  - a) Olfactory lobes
  - b) Cerebrallobes
  - c) Cerebellum
  - d) Medulla oblongata
3. If transplantation is done with one's own tissue grafted to another part of the body it is termed
  - a) Allograft
  - b) Autograft
  - c) Xenograft
  - d) Isograft
4. Segmentation of Zygote is also termed
  - a) Gastrulation
  - b) Cleavage
  - c) Blastulation
  - d) Fertilization
5. The vaccine given between 9 - 12 months is
  - a) Typhoid
  - b) Polio
  - c) Measles
  - d) BCG

## II Fill in the blanks with suitable terms

5 x 1 = 5

6. The largest blood vessel of the body is termed the-----
7. Genetically identical individuals are known as -----
8. An instrument used to study the internal organs of man is -----
9. First booster dose of polio is given at the age of -----
10. In the year 1973, Indian Government launched a special scheme -----

**III Answer any five of the following questions in one or two sentences**

**5 x 2 = 10**

11. Define the term peristalsis
12. Draw a labeled sketch of the lymph
13. Mention the effects of Hyperparathyroidism
14. What are Sertoli cells?
15. Define Ovulation.
16. Mention any four National Parks in India
17. Name few fauna found in the desert
18. What are antibodies ?
19. Explain the term immunization.
20. What is endoscopy?

**IV Write short answers for any four of the following questions in 100 words.**

**4 x 5 = 20**

**(Question number 24 is a compulsory question)**

21. Describe the digestive system of Frog
22. Describe the forebrain of frog
23. Explain the structure of a tooth
24. Draw a neat labeled sketch of a Hen's egg
25. Explain Man and Biosphere
26. Write short notes on Active acquired immunity
27. Explain organ transplantation.

**V Write detailed answer for any one of the following in 200 words.**

**1 x 10 = 10**

28. Explain the structure of the human heart with a labeled sketch.
29. Describe the development of "Dolly".

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## Sample Items of X Standard Question Bank

## Subject English II Language

Items	Questions	Part I			
		L.No	Obj	Key	Diff Level
ES001	<b>Andy repeated his demand for the letter. His intention was to:</b> A. please the postmaster B. irritate the postmaster C. protest against the attitude of the postmaster D. show his innocence.	PR1	C	C	E
ES002	<b>Andy swallowed the taunts of the postmaster with a view to:</b> A. teach him a lesson later B. get the letter paying four pence C. save his master from being cheated D. deceive the postmaster.	PR 1	C	A	E
ES003	<b>How did Andy look when he visited the post office the second time?</b> A. submissive B. apologetic C. indignant D. violent	PR 1	C	A	A
ES004	<b>If Mr.Durby had not come to the post office:</b> A. the post master would have given Andy a letter for four pence postage B. Andy would have paid eleven pence postage and got a letter C. Andy would have asked the post master to give the letter for 4 pence postage D. the post master would not have demeaned Andy to pay eleven pence postage.	PR1	C	B	A
ES005	<b>Andy refused to pay eleven pence postage for the letter because:</b> A. he did not have eleven pence with him B. he had seen that Mr.Durfy was given a bigger letter for four pence C. his master told him not to D. his master's letter was smaller than Durfy's.	PR 1	K	B	A
ES006	<b>Dr. Sarabhai's dream was to:</b> A. launch satellites. B. discover cosmic rays. C. walk on the moon. D. set up a research laboratory.	PR 1	K	B	A
ES007	<b>Vikram's parents spent their time and money on social work. This shows that they:</b> A. did not care for time and money B. had a lot of time and money C. were very generous to others D. had no other way to spend their time and money.	PR2	K	C	E

Items	Questions	L.No	Obj	Key	Diff Level
ES008	<b>Dr. Sarabhai setup Sarbhai Chemicals, to produce</b> A. chemicals C. chemicals and pesticides				
	B. medicines D. medicines and chemicals.	PR2	K	D	E
ES009	<b>When the student burnt an electric meter he was upset because:</b> A. Dr.Sarabhai was a very strict teacher C. the student would have to pay a penalty				
	B. Dr. Sarabhai would send him out of the class D. the student feared that Dr.Sarabhai would reprimand him.	PR2	C	D	E
ES010	<b>Dr.Sarabhai told the student that they would buy a new meter. This shows that:</b> A. he did not want to discourage the student C. the meter did not cost much				
	B. he could buy as many meters as he wished D. the meter was not very useful.	PR2	C	A	A
ES011	<b>Narendranath could sing well, was good at sports ,was witty and liked to meditate. This shows that he was :</b> A. an all-rounder				
	B. talented C. a jack of all trades D. a very popular student	PR3	K	A	E
ES012	<b>Prof.W.W.Hastie, once said of Narendra "He is bound to make his mark in life". This means that he:</b> A. will be popular				
	B. had an aim in life C. was good at archery D. will achieve great success	PR3	C	D	E
ES013	<b>Swami Vivekananda decided to go to America, to fulfill Sri Ramakrishna's will. This shows that Vivekananda:</b> A. was Sri Ramakrishna's favourite disciple C. was an obedient disciple				
	B. wanted to carry out his master's wishes D. had a strict master	PR3	C	B	E
ES014	<b>The American newspapers declared the Swamiji as a prophet and a seer because:</b> A. he tried to link Eastern and Western ideas B. they realized it was foolish to send missionaries to India C. he was dressed in saffron robes D. the effect of his speech was such.				
		PR3	C	D	E
ES015	<b>The aims of Ramakrishna Mission were a mixture of spiritual and humanitarian ideals, which can be summed up as:</b> A. work is worship C. worship the poor				
	B service to humanity is service to God D. there is no shortcut to hard work.	PR3	K	B	E

# THE END!!!

