

New paper pattern of class 12 science

(As per circular from Maharashtra state secondary and higher secondary board pune-14 dated 12/07/2017)

General Instruction :

- 1) There is no change in syllabus PCMB subjects.
- 2) Written exam of 70 marks and a practical exam of 30 marks for PCB subjects.
- 3) Only one question paper for PCMB and only one answer paper.(There is no section)
- 4) In mathematics, there will be a written exam of 80 marks and practical exam of 20 marks.
- 5) Final exam of all subjects will be on full syllabus.
- 6)The paper time duration will be 3 Hours.

New question paper pattern for **physics** and **chemistry**-

• General instruction-

All questions are compulsory.

Section A contains- 1) Q.no1 to 4 of multiple choice questions carrying one marks each.

2) Q. no 5 to 8 is very short answer type of question carrying one Marks each.

Section B contains - 1) Q.no9 to 15 of short answer questions carrying two marks each.

2) Internal choice is provided to only one question.

Section C contains 1) Q.no16 to 26 of short answer questions carrying three marks each.

2) Internal choice is provided to only one question.

Section D contains 1) Q.no27 to 29 of long answer questions carrying five marks each.

2) Internal choice is provided to each question.

(* Use log table if necessary , * use of calculator is not allowed .)

Actual paper pattern in brief.

Section A –

1) Q. No. 1 to 4 - MCQ -1 Mark each $=1*4 = 4$

2) Q. No. 5 to 8 - VSA -1 Mark each $= 1*4 = 4$

Section B –

1) Q. No. 9 to 15 - short answer -2 Mark each $=2*7 = 14$

Section C –

1) Q. No. 16 to 26 - short answer -3 Mark each $=3*11 = 33$

Section D –

1) Q. No. 27 to 29 - short answer -5 Mark each $=5*3 = 15$

Total marks= 70

Type of Questions –

MCQ	1 marks	Q. 1 to 4	4 marks
Very short answer	1 marks	Q. 5 to 8	4 marks
Shot answer -1	2 marks	Q. 9 to 15	14 marks
Shot answer-2	3 marks	Q. 16 to 26	33 marks
Long answer	5 marks	Q. 27 to 29	15 marks

Difficulty level-

Easy	Marks 21	30%
Average	Marks 35	50%
Difficult	Marks 14	20%

New question paper pattern for **Biology**

- **General instruction-**

All questions are compulsory.

Section A contains- 1) Q.no1 to 4 of multiple choice questions carrying one marks each.
2) Q. no 5 to 8 is very short answer type of question carrying one Marks each.

Section B contains - 1) Q.no9 to 18 of short answer questions carrying two marks each.
2) Internal choice is provided to only one question.

Section C contains 1) Q. 19to 27 of short answer questions carrying three marks each.
2) Internal choice is provided to only one question.

Section D contains 1) Q.no28 to 30 of long answer questions carrying five marks each.
2) Internal choice is provided to each question.

(* Use log table if necessary , * use of calculator is not allowed .)

Actual paper pattern in brief.

Section A –

- 1)Q. No. 1 to 4 - MCQ -1 Mark each =1*4 = 4
2)Q. No. 5 to 8 - VSA -1 Mark each = 1*4 = 4

Section B –

- 3)Q. No. 9 to 18 - shot answer -2 Mark each =2*10 = 20

Section C –

- 4)Q. No. 16 to 26 - shot answer -3 Mark each =3*9 = 27

Section D –

- 5)Q. No. 27 to 29 - shot answer -5 Mark each =5*3 = 15

Total marks= 70

Type of Questions –

MCQ	1 marks	Q. 1 to 4	4 marks
Very short answer	1 marks	Q. 5 to 8	4 marks
Shot answer -1	2 marks	Q. 9 to 18	20 marks
Shot answer-2	3 marks	Q. 16 to 26	27 marks
Long answer	5 marks	Q. 27 to 29	15 marks

Difficulty level-

Easy	Marks 21	30%
Average	Marks 35	50%
Difficult	Marks 14	20%

New question paper pattern for [Mathematics](#)

General instruction-

All questions are compulsory.

Section A contains- 1) Q.no1 to 6 of multiple choice questions carrying one marks each.

Section B contains - 1) Q. no 7 to 14 short answer questions carrying two marks each.
2) Internal choice is provided to only one question.

Section C contains -1) Q. 15 to 20 of short answer questions carrying three marks each.
2) Internal choice is provided to only two questions.

Section D contains 1) Q.no21 to 30 of long answer questions carrying four marks each.
2) Internal choice is provided to three questions.

(* Use log table if necessary , * use of calculator is not allowed .)

Actual paper pattern in brief.

Section A –

1) Q. No. 1 to 6 - MCQ -1 Mark each $=1*6 = 06$

Section B –

2) Q. No. 7 to 14 - shot answer -2 Mark each $=2*8 = 16$

Section C –

2) Q. No. 15 to 20 - shot answer -3 Mark each $=3*6 = 18$

Section D –

3) Q. No. 21 to 30 - shot answer -5 Mark each $=4*10 = 40$

Total marks= 80

Type of questions

Very short answer	1 marks	Q. 1 to 6	6 marks
Shot answer -1	2 marks	Q. 7 to 14	16marks
Shot answer-2	3 marks	Q. 15 to 20	18 marks
Long answer	5 marks	Q. 21 to 30	40 marks

Total marks =80

Difficulty level-

Easy	Marks 21	30%
Average	Marks 35	50%
Difficult	Marks 14	20%