Pairing Scheme
Instructions for Preparation of Examination Paper

The paper of Physics for class-10 will consist of 60 marks. Timing of the paper will be two (02) hours (Objective 15 minutes and Subjective 1: 45 hours). The paper will be made as per following details:

Objective	**Q-1:** 12 Multiple Choice Questions (MCQs) will be developed from the entire content of the textbook. One MCQ will be asked from each chapter.	(1×12) = 12
Subjective Part-I	This section will contain three short answer questions. Each short answer question will be asked from the content of the textbook. The detail is as follows: **Q-2:** 5 short answer questions have to be answered out of 8. The detail is as follows: • Two short answer questions should be asked from each chapter; 10, 11, 12 and 13.	(2 × 5) = 10
	Q-3: 5 short answer questions have to be answered out of 8. The detail is as follows: • Two short answer questions should be asked from each chapter; 14, 15, 16 and 17.	(2 × 5) = 10
	Q-4: 5 short answer questions have to be answered out of 8. The detail is as follows: Two short answer questions should be asked from each chapter; 18, 19, 20 and 21.	(2 × 5) = 10
Part-II	This section will contain three detailed questions and students have to attempt any two (02) questions carrying 9 marks each. Each detailed question will be asked form the content of the textbook. The detail is as follows: **Q-5:** One detailed question will be asked from chapters; 10, 11, 12 and 13. **Q-6:** One detailed question will be asked from chapters; 14, 15, 16 and 17. **Q-7:** One detailed question will be asked from chapters; 18, 19, 20 and 21.	(2 × 9) = 18
Note:	In this section, each question will consist of two parts. Part (a) may be asked form any chapter. Part (b) will be asked from any different chapter (not from the same chapter as Part (a). Part (a) will carry 4 marks, while Part (b) will carry 5 marks.	

PAIRING SCHEME OF PHYSICS PRACTICALS FOR GRADES 9-10

Max. Marks: 30 **Time: 2 hours**

Q.1: Two practicals will be given from the 9th part. The candidate has to perform one practical out of them. Each practical will carry 12 marks, distributed as follows:

- The examiner in the laboratory will award you marks out of 5.
- The examiner in the BISE Marking Centre will award you marks out of 7.

Q.2: Two practicals will be given from the 10th part. The candidate has to perform one practical out of them. Each practical will carry 12 marks, distributed as follows:

- The examiner in the laboratory will award you marks out of 5.
- The examiner in the BISE Marking Centre will award you marks out of 7.

3: Notebook (03)

4: Viva Voce (03)

MODEL PAPER PHYSICS PRACTICALS FOR GRADES 9-10

5, 7	**Q.1:** Measure the area of cross-section and volume of a solid cylinder by measuring its length and diameter with Vernier Callipers.	1- ورنیئر کیلیپرز کی مدد سے ٹھوس سلنڈر کی لمبائی اور ڈایامیٹر ماپ کر اس کے کراس سیکشن کا ایریا اور والیوم معلوم کریں۔
	OR	یا
	Verify the two conditions of equilibrium using a suspended metre rule.	دو سپرنگ بیلنس کے ذریعے لٹکائے گئے میٹر رُول کو استعمال کرتے ہوئے توازن کی دونوں شرائط کی تصدیق کریں۔
5, 7	**Q.2:** Find the refractive index of water by using a concave mirror.	2- کنکیو مرر استعمال کر کے پانی کا رفریکٹو انڈیکس معلوم کریں۔
	OR	یا
	Trace the magnetic field due to a current carrying circular coil.	سرکلر کوائل جس میں کرنٹ گزر رہا ہو، کے میگنیٹک فیلڈ کا خاکہ بنائیں۔
3	**3:** Notebook	3- نوٹ بک
3	**4:** Viva Voce	3- زبانی سوالات