PECTAA
Transformation, Innovation and Excellence

Director (C & C)

PUNJAB EDUCATION, CURRICULUM, TRAINING AND ASSESSMENT AUTHORITY
21- E-II, Gulberg-III, Lahore
No: PECTAA/C&C Unit/2026/551
Dated: 08.01.2026

To

The Controller of Examination PBCC,
Board of Intermediate and Secondary Education,
Lahore

Subject: **PROVISION OF PRACTICAL MODEL PAPERS FOR CLASS IX, AGRICULTURE SCIENCES, HEALTH SCIENCES, FASHION DESIGNING AND ICT**

Kindly refer to your letter No. 194-CE/P dated 31.12.2025 on the subject captioned above.

2. The Board of Intermediate and Secondary Education, Lahore through its letter No. 196-CE/P dated 03.01.2026 nominated four officers as Paper Setters for finalizing the Pairing Scheme and Practical Model Papers for the subjects of Agriculture Sciences, Health Sciences, Fashion Designing and Information & Communication Technologies (ICT) Grade-IX.

3. The Paper Setters finalized the Pairing Scheme and Practical Model Papers for the subjects of Agriculture Sciences, Health Sciences, Fashion Designing and Information & Communication Technologies (ICT) Grade-IX. The same, along with the list of practicals for these four subjects has been forwarded for further necessary action.

Director (Curriculum & Compliance)

C.C:

1. PS to the Secretary, Government of the Punjab, School Education Department
2. PS to the Chairman, PBCC / Secretary, Government of the Punjab, Higher Education Department
3. PS to the Chairperson, Board of Intermediate and Secondary Education (Lahore / Faisalabad / Gujranwala / Sargodha / Sahiwal / Rawalpindi / Multan / Bahawalpur / Dera Ghazi Khan) Commissioner, Lahore
4. PS to the Secretary, PBCC / Secretary, BISE, Lahore
5. Staff Officer to the Chief Executive Officer, PECTAA
6. PS to Managing Director (Academics / Operations / M&E), PECTAA
7. PA to Director (IT), PECTAA with the request to upload Pairing Scheme, list of practicals and Practical Model Papers for the subjects of Agriculture Sciences, Health Sciences, Fashion Designing and Information & Communication Technologies (ICT) Grade-IX on the website of PECTAA
8. Office File

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PAIRING SCHEME

INSTRUCTIONS FOR PREPARATION OF PRACTICAL PAPER OF AGRICULTURE SCIENCES FOR CLASS-9

ESSENTIAL INSTRUCTIONS FOR PRACTICAL PAPER SETTERS

Max Marks: 35 **Time Duration: 2 Hrs.**

Attempt any two practicals from the following:	12
Note: Attempt any one of the following practical. **Q-1:** • 1 practical will be given from Practicals No. 1, 2, 3, 20, 21 OR • 1 practical will be given from Practicals No. 4, 5, 6, 14, 15	
Q-2: • 1 practical will be given from Practicals No. 9, 10, 11, 13, 16, 18 OR • 1 practical will be given from Practicals No. 7, 8, 12, 17, 19	12
This section will consist of checking Practical Notebooks and conducting Viva Voce. The details are as follows:	
Practical Notebook	6
Viva Voce	5

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Practical Model Paper for
Agriculture Sciences Class-9

Maximum Marks: 35 **Time Allowed: 2 Hours**

Question No. 1 12

Note: Attempt any one of the following practical.

Identify the given seeds of different Rabi and Kharif Crops and write their Botanical names.

OR

Identify different Products and By-Products from Livestock and Poultry (Cow, Buffalo, Goat, Chicken and Sheep).

Question No. 2 12

Note: Attempt any one of the following practical.

Identify different plants with the help of their leaves and then write their Botanical names.

OR

Test the adulteration of milk with the help of Lactometer.

Practical Notebook 6

Viva Voce 5

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LIST OF PRACTICALS
AGRICULTURE SCIENCES FOR GRADE-9

1. Identification and Collection of Seeds of Major and Minor Rabi Crops in Pakistan.
2. Identification and Collection of Seeds of Major and Minor Kharif Crops in Pakistan.
3. Make a Chart of Major Rabi & Kharif Crops Regarding Seed Rate, Water Requirement, Fertilizer Dose and Yield in your Practical Copy.
4. Studying Cropping Patterns in Local Agriculture.
5. Prepare a Report on Water Losses in Canal Irrigation System of Pakistan.
6. Collection and Identification of Mulching Materials.
7. Draw the Main Canal System of Punjab.
8. Investigating Salinity and Waterlogging in Affected Areas.
9. Forest Visit Report: (Changa Manga National Park).
10. Identification of Agroforestry Trees and Shrubs of Pakistan.
11. Vegetative Propagation of Forest Trees.
12. Raising Plants from Seeds of Neem, Lemon, Mango, Ber and Jaman.
13. Draw a Graph Between Food Supply and Milk Production of Cows and Buffaloes.
14. Visit to Cattle Farm and Artificial Insemination Centre.
15. Products and By-Products from Livestock & Poultry.
16. Common Medicines for Livestock & Poultry Diseases.
17. Testing Milk Quality with a Lactometer.
18. Dairy Industry Visit Report.
19. Draw a Chart of Annual Livestock Vaccination Schedule.
20. Draw the Annual Poultry Vaccination Schedule.
21. Poultry Farm Health & Hygiene Survey.

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PAIRING SCHEME

INSTRUCTIONS FOR PREPARATION OF PRACTICAL PAPER OF HEALTH SCIENCES FOR CLASS-9

ESSENTIAL INSTRUCTIONS FOR PRACTICAL PAPER SETTERS

Max Marks: 35 **Time Duration: 2 Hrs.**

Attempt any two practicals from the following:	12
Note: Attempt any one of the following practical. **Q-1:** • 1 practical will be given from Practicals No. 1, 2, 3, 4, 5, 6 OR • 1 practical will be given from Practicals No. 7, 8, 9, 10, 15, 16	
Q-2: • 1 practical will be given from Practicals No. 11, 12, 13, 14, 17, 18 OR • 1 practical will be given from Practicals No. 19, 20, 21, 22, 23, 24	12
This section will consist of checking Practical Notebooks and conducting Viva Voce. The details are as follows:	
Practical Notebook	6
Viva Voce	5

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Practical Model Paper for
Health Sciences Class-9

Maximum Marks: 35 **Time Allowed: 2 Hours**

Question No. 1 12

Note: Attempt any one of the following practical.

Measure how much air you can breathe in and out to check how well your lungs work.

OR

Use a pulse oximeter to measure oxygen saturation.

Question No. 2 12

Note: Attempt any one of the following practical.

Use a sphygmomanometer to measure blood pressure.

OR

Demonstrate basic First Aid techniques for treating a sprain or strain.

Practical Notebook 6

Viva Voce 5

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LIST OF PRACTICALS
HEALTH SCIENCES FOR CLASS-9

1. Identify different of parts of GI system on Models / Diagrams.
2. Demonstrate the Use of nebulizer to give medication to lungs.
3. Measure how much air you can breathe in and out to check how well your lungs work.
4. Check the breathing rate by counting how many breathe a person takes in one minute.
5. Demonstrate the use of Stethoscope to listen sounds and identify any problems like wheezing or crackling.
6. Demonstrate that exhaled air contains carbon dioxide by blowing air into lime water and observing the colour change.
7. Observe the Effect of Posture on Breathing.
8. Demonstrate the working of Oxygen Concentrator and Oxygen Cylinder.
9. Demonstrate the working of Suction Machine to clear Airway.
10. Measure the oxygen levels in blood using the Pulse Oximeter.
11. Measure the heart rate by Checking the pulse at different points on the body.
12. Measure the number of heart beats per minute during rest and after exercise.
13. Use of Stethoscope to listen heart Sounds.
14. Use a Sphygmomanometer to measure blood pressure.
15. Develop a model to demonstrate of Kidney Filtration.
16. Perform an experiment to observe salt crystallization as a simulation of kidney stone formation.
17. Perform chest compressions and rescue breaths under supervision on a Mannequin.

18. Stimulate bleeding wound dressing using fake sounds or red coloured liquid.
19. Demonstrate how Splints and Slings are used to immobilize injured limbs.
20. Illustrate proper burn treatment including cooling, covering and avoiding incorrect methods.
21. Demonstration of basic First Aid Techniques for Treating a Sprain or Strain.
22. Observe Common Posture Mistakes and demonstrate their Correction.
23. Analyze food samples to detect the presence of macronutrients (starch, proteins and fats) using standard biochemical tests.
24. Determine the pH levels of Different Digestive Juices and explain their role in digestion.

PAIRING SCHEME

INSTRUCTIONS FOR PREPARATION OF PRACTICAL PAPER OF FASHION DESIGNING FOR CLASS-9

ESSENTIAL INSTRUCTIONS FOR PRACTICAL PAPER SETTERS

Max Marks: 35 **Time Duration: 2 Hrs.**

Attempt any two practicals from the following:	12
Note: Attempt any one of the following practical. **Q-1:** • 1 practical will be given from Unit No. 1 to Unit No. 3 (Practicals 1 to 9) OR • 1 practical will be given from Unit No. 4 and Unit No. 5 (Practicals 10 to 15)	
Q-2: • 1 practical will be given from Unit No. 6 and Unit No. 7 (Practicals 16 to 24) OR • 1 practical will be given from Unit No. 8 and Unit No. 9 (Practicals 25 to 31)	12
This section will consist of checking Practical Notebooks and conducting Viva Voce. The details are as follows:	
Practical Notebook	6
Viva Voce	5

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Practical Model Paper for
Fashion Designing Class-9

Maximum Marks: 35 **Time Allowed: 2 Hours**

Question No. 1 12

Note: Attempt any one of the following practical.

Draw any FIVE types of lines used in fashion patterns and shade any TWO basic geometric shapes (circle, square or triangle) showing light and dark tones.

OR

Draw a simple colour wheel clearly showing primary and secondary colours.

Question No. 2 12

Note: Attempt any one of the following practical.

Draw a basic female fashion figure showing correct proportion and design a simple casual dress on it. Apply suitable colours neatly.

OR

Draw and label any FOUR essential sewing tools used in fashion designing. Write one function of each tool.

Practical Notebook 6

Viva Voce 5

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LIST OF PRACTICALS
FASHION DESIGNING FOR CLASS-9

Unit 1: Introduction to Fashion Designing

1. Create a visual presentation board showcasing the cultural identity of each province in Pakistan.
2. Develop a presentation board comparing South Asian and Western fashion.

Unit 2: Elements of Design

3. Practise drawing straight, curved, diagonal, thick/thin, broken, zigzag, dotted, wavy and parallel line.
4. Sketch and shade basic geometric shapes (circle, square, triangle).
5. Sort geometric and organic shapes with respect to the reference image.
6. Re-Draw the textures through provided imagery
7. Mix primary colours to create secondary and tertiary colours, forming a basic colour wheel.

Unit 3: Principles of Design

8. Create collage using different lines and shapes
9. Identify fashion pattern (stripes, polka dots) and analyze how repetition creates rhythm in the garment.

Unit 4: Historical Aspects of Fashion Design

10. Make a timeline of the information found from Mehrgarh, Harappa and Mohenjo Daro to record the evolution of clothing and design in Pakistan
11. Create a picture board suggesting the journey of artifacts found from the site of Mehrgarh period.
12. Draw the different silhouettes of garments that were worn by the people of Indus Valley Civilization.
13. Try to copy the seals of the Indus Valley Civilization in modeling clay. Try to make the forms and experience the process.

Unit 5: Crafts of Pakistan

14. Paste different types of pictures of the crafts representing each province of Pakistan and record your research on them under the picture.
15. Sketch and shade basic embroidery types of Balochistan.

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Unit 6: Basic Drawing and Anatomy

16. Warm-up Sketching-Observational Drawing
17. Hand Control Practise – Line Quality Exercise
18. Practising Basic Shapes - Circle, Square, Rectangle, Triangle.
19. Shading Techniques - Creating Depth with Light and Shadow
20. Transforming 2D Shapes into 3D Forms

Unit 7: Fashion Drawing and Design Detail

21. Using a tracing paper, trace and draw ten croquis sketches.
22. Sketch 06 different necklines on an A4 sheet. Make sure each design is clear and well-defined. Label each neckline accordingly.
23. Illustrate 06 different collar styles on an A4 sheet, showcasing variations in shape and structure.
24. Draw 06 sleeve variations, experimenting with different shapes and styles.

Unit 8: Basics of Textiles

25. Experiment with dying cotton fabrics using natural dyes and note the results after each natural material used.
26. Identify and document basic characteristics including textures, weight and appearance of fabric swatches to develop a fabric sample book. Figure 8.1 shows an example.

Unit 9: Basics of Sewing

27. Recognize the Essential Sewing Tools.
28. Practise the Basic Hand Stitches.
29. To Identify and Label the Parts of a Sewing Machine.
30. To Study and Identify Grain Line on Fabric and write the characteristics of each grain line on a notebook.
31. Stitch a basic seam by applying steps using a sewing machine.

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PAIRING SCHEME

INSTRUCTIONS FOR PREPARATION OF PRACTICAL PAPER OF INFORMATION & COMMUNICATION TECHNOLOGIES FOR CLASS-9

ESSENTIAL INSTRUCTIONS FOR PRACTICAL PAPER SETTERS

Max Marks: 35 **Time Duration: 2 Hrs.**

Attempt any two practicals from the following:	12
Note: Attempt any one of the following practical. **Q-1:** • 1 practical will be given from Practicals No. 1 to 9 OR • 1 practical will be given from Practicals No. 10 to 21	
Q-2: • 1 practical will be given from Practicals No. 22 to 27 OR • 1 practical will be given from Practicals No. 28 to 37	12
This section will consist of checking Practical Notebooks and conducting Viva Voce. The details are as follows:	
Practical Notebook	6
Viva Voce	5

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Practical Model Paper for
Information & Communication Technologies Class-9

Maximum Marks: 35 **Time Allowed: 2 Hours**

Question No. 1

Note: Attempt any one of the following practical.

Design at least three slides in presentation software using relevant theme and insert table and chart. Save the presentation against your Roll Number.

(a) Perform the task on computer. 5

(b) Write step by step procedure on the answer sheet. 7

OR

Construct a simple LED circuit using battery, switch and resister.

(a) Perform the task and execute it. 5

(b) Write step by step procedure on the answer sheet. 7

Question No. 2

Note: Attempt any one of the following practical.

Perform steps to set up an account on an e-Commerce platform.

(a) Perform the task on computer. 5

(b) Write step by step procedure on the answer sheet. 7

OR

Create a Business Idea with Name, Logo and Slogan using AI Tools.

(a) Perform the task on computer. 5

(b) Write step by step procedure on the answer sheet. 7

Practical Notebook 6

Viva Voce 5

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LIST OF PRACTICALS OF INFORMATION & COMMUNICATION TECHNOLOGIES GRADE-9

Unit # 1:	**Digital Literacy**
1.	Create and format a document with required text alignment, font styles and font size and save the document with an appropriate file name.
2.	Create a job cover letter using built-in templates of word processing software.
3.	Create a document and insert images, tables and shapes and then save the document.
4.	Create a document and insert headings (Heading1, Heading2 and Heading3) and generate a table of contents. Save the document with an appropriate file name.
5.	Design at least three slides in presentation software using relevant themes and insert a table and a chart. Save the presentation with an appropriate file name.
6.	Create a presentation, apply basic transitions and animations to slides and text elements, respectively. Save the presentation with an appropriate file name.
7.	Prepare a professional presentation on sports activities in your school.
8.	Prepare a Presentation to Introduce Your Favourite Book.
9.	Create a Presentation for a Science Project or Experiment.
Unit # 2:	**Emerging Technologies**
10.	Constructing a simple LED circuit using a battery, switch and resistor.
11.	Design a functional paper-circuit using copper tape, an LED and a coin cell battery.
12.	Build series and parallel LED circuits to observe brightness and behaviour.
13.	Setup an LM35 temperature sensor with Arduino UNO to measure ambient temperature.
14.	Develop a sound-activated alarm system with Arduino using time delay.
15.	Build an Automatic Fan using Arduino.
16.	Develop a Password-based door lock security system using Arduino.
17.	Develop a temperature monitoring system with an alert using Arduino.

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Unit # 3:	**Graphic Designing and Multimedia**
18.	Design a poster for a parent-teacher meeting day using any graphic designing tool (Canva, Poster Prep or any other design tool).
19.	Design a Flyer for a Sports Day for the promotion using any graphic designing tool (Canva, Poster Prep or any other basic design tool).
20.	Design two images (with Urdu and English text) with required dimensions containing a school logo.
21.	Create a Quick Response (QR) Code for a web link (YouTube video/channel).
Unit # 4:	**Web Development and e-Commerce**
22.	Create a simple HTML webpage that contains the heading, text, image and hyperlink.
23.	Develop an interactive Login Form that includes input fields for both username and password. The design specification requires that the font size within the textboxes be set to 20 pixels, ensuring clarity and ease of reading for the user. This implementation will adhere to basic principles of user interface design to promote usability and accessibility.
24.	Write a JavaScript Code for form validation.
25.	Create a bank account form with account number, name, phone, email, address, CNIC, branch address and debit card number.
26.	Perform steps to set up an account on an e-Commerce platform.
27.	Create a product listing with product description, image and price.
Unit # 5:	**System Troubleshooting and Maintenance**
28.	Make a bootable USB for the installation of the Operating System.
29.	Add and Remove RAM in a Desktop Computer.
30.	Add and Remove a Hard Disk in a Desktop Computer.
31.	Configure a computer network manually with different devices such as a computer, a printer, a scanner and a switch.
32.	Install, update an antivirus and scan your computer thoroughly.

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Unit # 6:	Artificial Intelligence (AI) Technologies
33.	Create a Business Idea with Name, Logo and Slogan using AI Tools.
34.	Prepare your Curriculum Vitae (CV) by providing your personal and academic information to an AI tool.
35.	Choose a topic from your ICT textbook that you find confusing. Use an Al Assistant to ask questions, get explanations and write a short summary in your own words.
36.	Use AI tools to help you plan and create an online content. For example, a blog post, YouTube video idea or digital poster on any topic.
37.	Use AI tools to help you write and practice a short 1-2 minutes speech or presentation on something you're passionate about and present it to your class fellows, group or family.

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