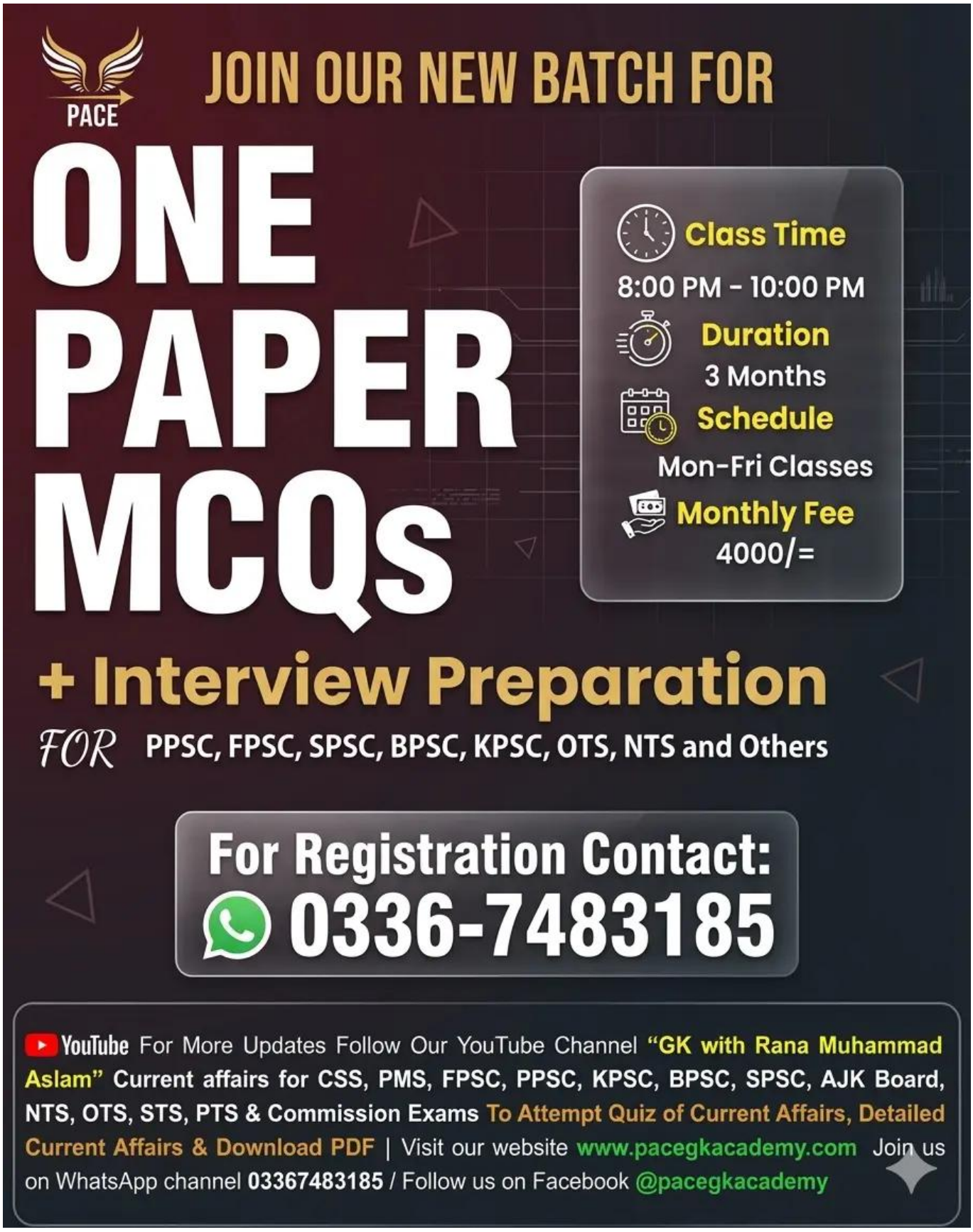
Water Management Officer (BS-17) Held On 03.10.2026

(Miscellaneous)



Water Management Officer (BS-17) Held On 03.10.2026

Q.1: Which sampling strategy is best suited for insect that live in the soil?
A. Pitfall trap
B. Pheromne Trap
C. Yellow sticky trap
D. **Berlese funnel**

Q.2: The most available soil for crops is:
A. **Capillary water**
B. Surface water
C. Hydroscopic water
D. All of the above

Q.3: Blind Hoeing is done in:
A. Rice
B. Wheat
C. **Sugarcane**
D. Ground Nut

Q.4: Fruits have generally low in content:
A. Carbohydrates
B. Starch
C. Vitamin C
D. **Protein**

Q.5: Most suitable method for nematodes control in soya bean?
A. Irrigation
B. Solarization
C. Resistance Verity
D. **Crop Rotation**

Q.6: Photo Respiration is solver in:
A. Cactus
B. **Maize**
C. Wheat
D. Cotton

Q.7: Gypsum is used to reduce:
A. Salinity
B. **Sodicity**
C. Alkalinity
D. All of the above

Q.8: Froude no for anti dunes:
A. 0
B. 0.5
C. 1
D. **1.2**

Q.9: In septic tank, decomposition of organic bacteria:
A. Aerbic Bacteria
B. **An Aerobic Bacteria**
C. Both A and B
D. None of these

Q.10: Soil particles deposited by water area called :
A. **Alluvial Deposit**
B. Colluvial Deposit
C. Aeolian Deposit
D. Glacial Deposit

Q.11: Field capacity of soil depends upon:
A. Capillary Tension
B. Pouristy
C. **Both A and B**
D. None of these

Q.12: Man Horse power is required in dibbling methods:
A. 150-200
B. 200-250
C. **250-300**
D. 300-350

Q.13: Which turn linear to rotatory motion :
A. Calm and follower
B. **Crankshaft and Connecting Rod**
C. Worm and Worm wheal
D. Gear Train

Q.14: Sugarcane setts per acre:
A. **30,000**
B. 50,000
C. 80,000
D. 12,000

Q.15: Length per unit length called:
A. **Strain**
B. Alkaline
C. Stress
D. Elasticity

Q.16: Ginger is a:
A. Root
B. **Rhizome**
C. Tuber
D. Stem

Q.17: A line joining the center of the river and parallel to the plate is called:
A. **Guage line**
B. Back pitch
C. Pitch
D. Pitch line

Q.18: Which is used to remove weeds:
A. Planker
B. **Bar Harrow**
C. Roatavator
D. Leveler

Q.19: Thermophile organisms best survive on temperature:
A. Less than 45
B. **More than 45**
C. Less than 20
D. More than 20

Q.20: A temperature difference of 10 degree centigrade on the celsius scale corresponds to an equivalent temperature difference on the kelvin scale of:
A. -263 k
B. 0 k
C. **10 k**
D. 283 k

Q.21: Immobile Nutrients in plants deficiency symptoms on younger leaves:
A. Nitrogen
B. Phosphorus
C. Potassium
D. **Iron**

Q.22: The minimum enitity which is applicable to the treatment:
A. Sample
B. Factor
C. **Experimental Unit**
D. Population

Q.23: Vegetables and fruits have less:
A. Protein
B. Carbohydrates
C. **Lipids**
D. Vitamins

Q.24: A Trapzoidal Channel with a mannings itter per second co efficient of 0.013 side slope of 1v:2H and a bottom width of 3m carries a flow rate of 17m3/s determine the discharge:
A. **1.9**
B. 19
C. 190
D. 1900

Q.25: Optimum PH for tissue culture:
A. 3.5-4.5
B. **5.8-6.5**
C. 7.2-8
D. 8.5-9.5

Q.26: The following chemical compuond can be sued for de chlorination of water:
A. CO2
B. Bleaching Powder
C. **Sulpher dioxide**
D. Chlorine

Q.27: Power Pump Shaft is called:
A. Water Horse power
B. **Shaft Horse power**
C. Indicated Horse power
D. Drawbar Horse power

Q.28: Which crop has low storage capacity:
A. Onion
B. Okra
C. **Luttece**
D. Cucurbits

Q.29: Which plant shed leaves in winter:
A. Banana
B. **Apple**
C. Mangoes
D. None of these

Q.30: Base period of crop is generally:
A. **Less than the crop period**
B. Equal to the crop period
C. Greater than crop period
D. Unrelated to crop period

Q.31: Prunus Armeniaca is the scientific name of:
A. Apple
B. Pear
C. Plum
D. **Apricot**

Q.32: In an engine which compotent controls the intake and exhaust value:
A. **Cam Shaft**
B. Crank Shaft
C. Fly Wheel
D. Connecting Rod

Q.33: The total number of climate related ecological zones according to PARC 1980:
A. **10**
B. 12
C. 8
D. 14

Q.34: Which region has high temperature rainfall and humidity:
A. Polar
B. **Tropical**
C. Temperate
D. Arid

Q.35: An animal that attack on feeds on another animal is called:
A. **Predators**
B. Paratoids
C. Parasites
D. Decomposer

Q.36: Carbamates and Organophosphate insecticides kill insects by effecting the:
A. **Nervous system**
B. Digestive system
C. Both A and B
D. None of these

Q.37: Alkaline soil is treated with:
A. **Gypsum and leaching**
B. Gypsum
C. Leaching
D. Lime

Q.38: Which method is not used to remove waterlogging conditions?
A. Linning Canal
B. Tube Well Drainage
C. Bio Drainage
D. **Contour Drainage**

Q.39: Which one is not a GIS?
A. Mapinfo
B. Idrisi 32
C. GID
D. **Aito Cad**

Q.40: Water holding capacity of soil depends upon:
A. Soil porosity
B. Capillary Tension
C. **Both A and B**
D. None of these

Q.41: Vegetables waste is generally classified as a:
A. **Bio Degradable Waste**
B. Non Bio Degradable Waste
C. Hazardous Waste
D. Radio Active Waste

Q.42: The process of increasing the value of food products is called:
A. **Food Processing**
B. Food Preservation
C. Food Storage
D. Food Science

Q.43: The seed rate of Sugarcane per hectare is:
A. **7-9 Tons**
B. 21-28 Tons
C. 2-3 Tons
D. 40- 50 Tons

Q.44: Seed production without pollination is called:
A. **Apomixis**
B. Polyembryoney
C. Parthenocarpy
D. Vivipary

Q.45: The founder of Hybrid seed technology is:
A. Yuan Long Ping
B. Horman Borlauge
C. **Georage H Shull**
D. George Mendal

Q.46: Diesel Engine Temperature can be maintained upto:
A. 30 C
B. 40 C
C. 120 C
D. **90 C**

Q.47: Tea leaves are obtained from:
A. Nicotine
B. **Alkaloids**
C. Citric Acid
D. Giyecogen

Q.48: Water Reuirements for plant metabolic activities and evapotranspiration is called:
A. Irrigation water requirement
B. **Consumptive water use**
C. Conjuctive use
D. Net Irrigation requirements

Q.49: An auger in the metering mechanism is related to:
A. Seed Drill
B. Planter
C. **Fertilizer Applicator**
D. All of the above

Q.50: The smallest unit in an experiment is called:
A. Sample
B. **Experiment Unit**
C. Population
D. Treatment

Q.51: The man hour required for dibbling are approximately:
A. 100-150 man hrs
B. 150-200 man hrs
C. **200-250 man hrs**
D. 250 -300 man hrs

Q.52: An Agro Forestry based industry is:
A. **Furniture**
B. Construction
C. Cement
D. Textile

Q.53: The depth of water required by a crop during its entire growth period is called:
A. **Delta of water**
B. Duty of Water
C. Base periods
D. Crop periods

Q.54: Chain Survey is based on which shape :
A. **Triangular**
B. Square
C. Rectangle
D. Hexagonal

Q.55: The point at which actual vapor pressure become equal to saturated vapor pressure is called:
A. **Dew point temperature**
B. Wet bulb temperature
C. Dry bulb temperature
D. Freezing point

Q.56: Rear wheels if attached to disc plough are used :
A. **Control Side Draft**
B. Control Death of cut
C. Reduce Friction
D. Increase Speed

Q.57: Tissue Culture is techniques used to grow disease free plants is:
A. **Meristem Culture**
B. Anther Culture
C. Callus Culture
D. Embryo Culture

Q.58: The best and most accurate methods to estimates the average depth of precipitation is:
A. **Isohytal Methods**
B. Thiessen Polygon
C. Arithmetic meanmathods
D. Hyposometric methods

Q.59: When the water level head is less than 5 times of the orific diameter, the orific is:
A. Submerged Orific
B. **Large Orific**
C. Small Orific
D. Bell Mounted Orific

Q.60: Organic matter is decomposed by microorganisms under:
A. Aerobic Conditions
B. Anaerobic Conditions
C. **Both A and B**
D. None of these

Q.61: Storage and reuse of irrigation water is:
A. Surge Irrigation
B. Furrow Irrigation
C. **Tail and recovery**
D. Drip irrigation

Q.62: An old and common method of irrigation in Pakistan is:
A. Border Irrigation
B. **Basin Irrigation**
C. Sprinkler Irrigation
D. Sub Surface Irrigation

Q.63: An implemented driven completely by the tractor steering is classified as a:
A. **mounted**
B. semi mounted
C. trailed
D. self propelled

Q.64: Cotton is a :
A. **Fiber Crop**
B. Grain Crop
C. Pulse Crop
D. Sugar Crop

Q.65: Implements used for hard soil having large tines acre associated with:
A. **Chiesel Plough**
B. Disc Harrow
C. Cultivator
D. Sub Soiler

Q.66: When agriculture demand decrease over all production generally?
A. **Decrease**
B. Remain Same
C. Increase
D. Become Zero

Q.67: Plants available water is mainly:
A. **Capillary Water**
B. Hydroscopic water
C. Gravitational Water
D. Chemically Combine water

Q.68: Field capacity is:
A. **Water retained after gravitational water has drained**
B. Water held at full saturation
C. Water held at permanent wilting point
D. Hygroscopic water only

Q.69: Which of the following is not the water soluble vitamin:
A. Vitamin C
B. Vitamin K
C. Vitamin C
D. **Both A and C**

Q.70: Phosphorus is mainly lost affected in the soil due to:
A. Leaching
B. **Fixation in Soil**
C. Volatilization
D. Denitrification

Q.71: Change in length divided by original length is called:
A. **Strain**
B. Younger Modules
C. Stress
D. Elasticity

Q.72: A rise of 10 kelvin is equal to:
A. **10 C increase**
B. 10 C decrease
C. 283 C increase
D. 283 C decrease

Q.73: If the length of rectangular wire is equal to the width of the channel that type of wire is called :
A. **Suppressed Wire**
B. Contracted Wire
C. Broad Crested Wire
D. Spoiled Wire

Q.74: Water pressure produced during steam is:
A. **Super heated vapor**
B. Saturated Vapor
C. Wet Vapor
D. Dry Air

Q.75: A tractor brakes works on the principal of:
A. Torque
B. **Friction**
C. Coupling
D. Inertia

Q.76: Moisture is between FC and PWP is called:
A. Gravitational Water
B. **Available Water**
C. Hydroscopic Water
D. None of these

Q.77: Thiessen weight of 5 guage are 1,10,0,16,0,11,0.09 and rain fall is 132, 114 ,162 , 1138, 207 mm, average depth of rainfall is:
A. 54.69
B. 64.69
C. **84.69**
D. 74.69

Q.78: Rotation movement of the piston is due to the help of:
A. **Crank shaft**
B. Cram Shaft
C. Rotational Arm
D. Directional

Q.79: Movement of the Inlet and the Outlet values is because of:
A. Crank Shaft
B. **Cram Shaft**
C. Fly wheel
D. Governor

Q.80: Sugar production per hectare is:
A. 3-4 Tons
B. **8-9 Tons**
C. 12-15 Tons
D. 20- 25 Tons

Q.81: Boron Critical level is about:
A. **0.5 PPM**
B. 2 PPM
C. 5 PPM
D. 10 PPM

Q.82: Identification of Nucleotides is done by:
A. **DNA Squenching**
B. Denaturation
C. PCR
D. Gel Electrophoresis

Q.83: A good fuel should contain the quality of:
A. Good volatility and free from gum
B. High antiknock
C. Chemical purity
D. **All of the above**

Q.84: Primary tillage normally design to:
A. Reduce soil strength
B. Cover plant material
C. Re-arranged aggregated
D. **All of the above**

Q.85: Strength of any material is indicated by its:
A. FHP
B. **IHP**
C. BHP
D. All of the above

Q.86: Sub Soiler is used for:
A. **Primary tillage plough**
B. Secondary tillage implements
C. Conservation tillage tool
D. Zero tillage machine

Q.87: Discharged of well per unit drawdown is called:
A. Well yield
B. Well capacity
C. Well Efficiency
D. **Specific capacity of well**

Q.88: Best root stock of citrus in KPK:
A. Jhattii Kahti
B. Rough Lemon
C. **Source orange**
D. None of these

Q.89: Number of setts of Sugarcane per hectare:
A. 40,000
B. 60,000
C. **80,000**
D. 100,000

Q.90: Surface tension:
A. Increase with increase in temperature
B. First increase than decrease
C. Remain same
D. **None of these**

Q.91: The pressure of confined aquifer is option:
A. **Above atmospheric pressure**
B. Below atmospheric pressure
C. At atmospheric pressure
D. At absolute zero

Q.92: Building blocks of protein are:
A. **Amino Acids**
B. Fatty Acids
C. Glucose
D. Nucleotides

Q.93: Pakistan divided in how many agroecology zones by PARC 1985:
A. 8
B. **10**
C. 12
D. 15

Q.94: Current meter is used for:
A. **Velocity of flow water**
B. Density of flow water
C. Pressure of flow water
D. Depth of flow water

Q.95: 1 Acre dimension ?
A. 5,445 SQ M
B. 43, 560 SQ M
C. **43, 560 SQ FT**
D. 5, 445 SQ FT

Q.96: Pomology is the study of:
A. **Fruits**
B. Vegetables
C. Cereals
D. Medicinal Plants

Q.97: Olericulture is the study of?
A. **Vegetables**
B. Fruits
C. Cereals
D. Medicinal Plants

Q.98: Loose smut of wheat is:
A. Soil Borne
B. Air Borne
C. **Seed Borne**
D. Water Borne

Q.99: Denitrification is involve in:
A. Oxidation
B. **Reduction**
C. Hydrolysis
D. Fixation

Q.100: Potato belongs to the family:
A. Rosacae
B. **Solanaceae**
C. Anonaceae
D. Anacardiaceae

Water Management Officer (BS-17) Held On 03.10.2026 (Answer Key)

1. **D**	2. **A**	3. **C**	4. **D**	5. **D**	6. **B**	7. **B**	8. **D**	9. **B**	10. **A**
11. **C**	12. **C**	13. **B**	14. **A**	15. **A**	16. **B**	17. **A**	18. **B**	19. **B**	20. **C**
21. **D**	22. **C**	23. **C**	24. **A**	25. **B**	26. **C**	27. **B**	28. **C**	29. **B**	30. **A**
31. **D**	32. **A**	33. **A**	34. **B**	35. **A**	36. **A**	37. **A**	38. **D**	39. **D**	40. **C**
41. **A**	42. **A**	43. **A**	44. **A**	45. **C**	46. **D**	47. **B**	48. **B**	49. **C**	50. **B**
51. **C**	52. **A**	53. **A**	54. **A**	55. **A**	56. **A**	57. **A**	58. **A**	59. **B**	60. **C**
61. **C**	62. **B**	63. **A**	64. **A**	65. **A**	66. **A**	67. **A**	68. **A**	69. **D**	70. **B**
71. **A**	72. **A**	73. **A**	74. **A**	75. **B**	76. **B**	77. **C**	78. **A**	79. **B**	80. **B**
81. **A**	82. **A**	83. **D**	84. **D**	85. **B**	86. **A**	87. **D**	88. **C**	89. **C**	90. **D**
91. **A**	92. **A**	93. **B**	94. **A**	95. **C**	96. **A**	97. **A**	98. **C**	99. **B**	100. **B**