

**SYLLABUS FOR RECRUITMENT IN PHA FOUNDATION AGAINST VARIOUS
CADRES (BS 09-17) VACANT POSTS**

S.N.	NAME OF POST	SYLLABUS	TOTAL MARKS
1.	Assistant Director (E/M) BS-17	<ul style="list-style-type: none"> ➤ English MCQ's 20 ➤ Job Related MCQ's 80 <p><u>Electrical Portion</u></p> <ul style="list-style-type: none"> • High Voltage Engineering • Power & Digital Electronics • Power Distribution/Transmission • Electronic Devices and Structure • Electric Circuits • Semiconductor Devices • Oscillators & Circuit Theory • Rules and Instructions of Repairs of the Multilayer • Printed Circuit Boards • Complex Variable and Transforms. • Digital Signal Processing • Up to date knowledge of items of E/M available in market with evaluation required in the work. <p><u>Mechanical Portion</u></p> <ul style="list-style-type: none"> • Heat & Mass Transfer. • Fluid Mechanics • Precision Engg. & Metrology. • Applied Physics & Chemistry • Thermodynamics • Industrial Material • Machine Design and Drawing • Mechanics of Machines. • Production Management & Quality Control • Workshop Technology • Hydraulic Machines. <p><u>General Portion</u></p> <ul style="list-style-type: none"> ➤ Principles of Planning ➤ Research and Analysis ➤ Public Procurement Rules, 2004 ➤ Complete knowledge of PEC documents <p><u>DESCRIPTIVE</u></p> <ul style="list-style-type: none"> ➤ Essay Writing 15 ➤ Precise Writing 15 ➤ Case Study (Technical) 20 	150

2.	Assistant Director (Civil) BS-17	<ul style="list-style-type: none"> ➤ English MCQ's 20 ➤ Job Related MCQ's 80 <ul style="list-style-type: none"> • Building Material & Building Construction. • Surveying & Leveling. • Hydraulic & Hydrology. • Soil Mechanics & Foundation. • Concrete Technology & R.CC Structure Design. • Steel Structure & Highway. • Construction Management. • Structure Design Applications. • Dam Designing and Construction. • Water Supply & Waste Water Management. • Transportation Planning & "Engineering. • Architecture & Town Planning. • Engineering Materials. • Ground Improvement. • Earth and Rock Structure and Geo-tech investigation. <p style="text-align: center;"><u>General Portion</u></p> <ul style="list-style-type: none"> ➤ Principles of Planning ➤ Research and Analysis ➤ Public Procurement Rules, 2004 ➤ Complete knowledge of PEC documents <p><u>DESCRIPTIVE</u></p> <ul style="list-style-type: none"> ➤ <u>Essay Writing</u> 15 ➤ <u>Precise Writing</u> 15 ➤ <u>Case Study (Technical)</u> 20 	150
3.	Accounts Officer BS-17	<ul style="list-style-type: none"> ➤ English MCQ's 20 ➤ Job Related MCQ's 80 <ul style="list-style-type: none"> • Accounting Principles & Procedures • Scrutiny of Records for Audit Purposes. • Journal, Ledger & Cash Book • Preparation of Annual Budget • Financial Planning and Cost Accounting • Heads of Accounts, Re-appropriation of Funds • Supplementary Grants • Settlement of Audit Objections • Public Procurement Rules, 2004 • Basic IT Knowledge 	

		<ul style="list-style-type: none"> • Cost Accounting • Business Communication • Taxation • MIS • Book keeping • Accounting Software • IAS • IASS • IFRS • Public Sector Companies (Corporate Governance) Rules, 2013 • Trail Balance, Balance Sheet, Final Accounts <p><u>DESCRIPTIVE</u></p> <ul style="list-style-type: none"> ➤ Essay Writing 15 ➤ Precise Writing 15 ➤ Case Study (Technical) 20 	
4.	Marketing Officer BS-17 and Assistant Marketing Officer(BS-16)	<ul style="list-style-type: none"> ➤ English MCQ's 20 ➤ Job Related MCQ's 80 <ul style="list-style-type: none"> ➤ Consumer and brand insight strategy ➤ Digital Marketing and Social Media Management ➤ International and multi-national marketing ➤ Salesforce Management ➤ Marketing Management ➤ Management Organizational Policies& Practices ➤ Strategic Management and Strategic Marketing ➤ Forecasting, Modeling, and Marketing Strategy ➤ New Product Strategy, Branding and Marketing ➤ Marketing Analysis and Consumer Behavior ➤ Advanced E-Marketing ➤ Corporate Strategy ➤ Marketing of Non-Profit Organization ➤ Statistical Analysis & Operations Research ➤ Strategic Brand Management ➤ Management Information System ➤ Marketing Communication ➤ New Venture Planning ➤ Product and Innovation Management ➤ Operations management 	150

		<ul style="list-style-type: none"> ➤ Business Strategies for Sustainability ➤ B2B Relationship ➤ Advertising and Event Management <p><u>DESCRIPTIVE</u></p> <ul style="list-style-type: none"> ➤ Essay Writing 15 ➤ Precise Writing 15 ➤ Case Study (Technical) 20 	
5.	Steno-Typist BS-14	<p>MCQ's</p> <ul style="list-style-type: none"> ➤ English 20 ➤ Islamic Studies 10 ➤ Pak Studies 10 ➤ General Knowledge 10 ➤ Job/Subject Related 50 	100
6.	Sub-Engineer (Electrical) BS-14	<p>MCQ's</p> <ul style="list-style-type: none"> ➤ English 20 ➤ General Knowledge 20 ➤ Job/Subject Related 60 	100
7.	Sub-Engineer(Civil) BS-14	<p>MCQ's</p> <ul style="list-style-type: none"> ➤ English 20 ➤ General Knowledge 20 ➤ Job/Subject Related 60 	100
8.	Upper Division Clerk BS-11	<p>MCQ's</p> <ul style="list-style-type: none"> ➤ English 20 ➤ Islamic Studies 20 ➤ Pak Studies 10 ➤ General Knowledge 20 ➤ Job/Subject Related 30 	100
9.	Lower Division Clerk BS-09	<p>MCQ's</p> <ul style="list-style-type: none"> ➤ English 20 ➤ Islamic Studies 20 ➤ Pak Studies 10 ➤ General Knowledge 20 ➤ Job/Subject Related 30 	100