Dr. A.P.J. Abdul Kalam University, Indore (M.P)

Scheme of Examination

B.A.

Semester-VI

(W.e.f. July 2016 Onwards)

(Non Grading)

Course Name	Subject	**Theory Max. Marks**				**Practical Max Marks**		**Total**
		Internal		**External**		**Max Marks**	**Min Marks**	
		Max	**Min**	**Max**	**Min**			
Foundation Courses	HINDI + ENGLISH **FCA 601 HE**	10+05=15	05	50+35=85	28	-	-	100
	E-SHIP **FCA 602 EP**	15	05	35	12	-	-	50
B.A. Computer	ECONOMICS **BAE601 T**	15	05	85	28	50	17	150
	POLITICAL SCIENCE **BAP602 T**	15	05	85	28	50	17	150
	COMPUTER **BCP603 T**	15	05	85	28	-	-	100
Total								**450**

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BA under Graduate Semester wise Syllabus

(W.e.f. session 2018)

Class: - BA

Semester: - VI Semester

Subject: -ECONOMICS (BAE 601T)

Paper: - Quantities Techniques

Marks 85+15 CCE

Unit I

Basic Concepts of Mathematics and Linear Algebra, Concept of Variable, Parameter, Constant and Variable Function, Equations, Meaning and solution of an equation. System of Simultaneous Linear equation and their solution.

Descriptive Statistics: Basic concepts, Population, Sample, Frequency Distribution, Cumulative frequency, Graphical Representation of Data, Techniques of Data Collection, Sampling v/s Population, Primary and Secondary Data. Sources of Primary and Secondary Data, Questionnaire and Schedule.

गणितीय आधारभूत अवधारणायें एवं रैखिक बीजगणित, अवधारणा–चर, प्राचल, स्थिर एवं परिवर्तनशील फलन समीकरण की अवधारणाऐं, समीकरण का अर्थ एवं हल, रेखीय युगपतसमीकरण पद्धति एवं हल, वर्णनात्मक सांख्यिकी आधारभूत अवधारणा–समग्र, न्यादर्श, प्राचल, आवृत्ति वितरण की आधारभूत अवधारणायें, संचयी आवृति, समंकों का रेखाचित्रीय प्रस्तुतिकरण, समंक संकलन की विधियाँ। निदर्शन बनाम समग्र, प्राथमिक एवं द्वितीयक समंक, प्राथमिक एवं द्वितीयक समंकों के स्रोत, प्रश्नावली और अनुसूची।

Unit II

Measures of Central Tendencies -Mean, Median, Mode, Geometric Mean and Harmonic Mean, Measures of Dispersion: Range, Mean Deviation, Standard Deviation, Co-efficient of Variation, Quartile Deviation.

केन्द्रीय प्रवृति का मापन – माध्य, मध्यका, भूयिष्ठिक, ज्यामितीय माध्य, हरात्मक माध्य, विचलन के मापन– विस्तार, माध्य विचलन, प्रमाप विचलन, विचलन गुणांक, चतुर्थक विचलन।

Unit III

Correlation: Karl Pearson's Co-efficient of Correlation, and Spearman's Rank Correlation,. Regression: Regression analysis, Co-efficient of Regression. Use and Application of Regression.

सहसम्बन्धः कार्ल पियर्सन का सहसम्बन्ध गुणांक एवं स्पियरमेन का कोटि अन्तर सहसम्बन्ध गुणांक, प्रतीपगमनः प्रतीपगमन विश्लेषण, प्रतीपगमन गुणांक, प्रतीपगमन का उपयोग एवं अनुप्रयोग।

Unit IV

Association of Attributes. Time Series analysis. Concept and components Additative and Multiplicative models, Methods of Moving Averages. Index Number. Concept, Laspeyer's, Paasche's and Fisher's Index Numbers, Problems in the construction of Index numbers and their limitations.

गुण–संबंध, काल माला का विश्लेषण, संकल्पना और घटक, योगात्मक और गुणात्मक प्रादर्श चल माध्य की विधियाँ, सूचकांक की अवधारणाएँ, लेस्पियर, पाशे और फिशर के सूचकांक, सूचकांकों के निर्माण की समस्या और सीमाऐं।

Unit V

Probability: Concept, Rules of Probability (Addition and Multiplication) Conditional Probability, Binomial Distribution.

Concept and Definition of Research, Selection of Research Problems, Problems in Research in Social Sciences Types of Research. Hypothesis, Meaning & Types, Research Report Writing.

प्रायिकताः संकल्पना, प्रायिकता के नियम (योग और गुणन) सशर्त प्रायिकता, द्विपद वितरण सकंल्पना, अनुसंधान चयन की समस्या एवं परिभाषा, सामाजिक विज्ञानों में अनुसंधान की अनुसंधान के प्रकार, उपकल्पना, अनुसंधान प्रतिवेदन। समस्याएं,

Recommended Books:

1. परिमाणात्मक तकनीकें – डॉ. बी.एन.गुप्ता (साहित्य भवन प्रकाशन–आगरा)
2. साख्यिकीय विश्लेषण – डॉ. शुक्ला एवं सहाय (साहित्य भवन प्रकाशन – आगरा)
3. Elementary Mathemaics in Economics. Dr. Mehta and Madnani
4. Elements of Statistics. Dr. Mohan Singhal
5. Statistical Analysis. Dr. Shukla and Sahai
6. Applied General Statistics. Croxton.F.E., D.J. Cowden and S. Klein (Prentice Hall. New Delhi)
7. Quantitative Techniques. C.R. Kothari (Vidya Vikas (Vikas Publishing House Pvt. Ltd.)
8. परिणामात्मक विधि

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BA under Graduate Semester wise Syllabus

(W.e.f. session 2018)

Class: - BA

Semester: - VI Semester

Subject: - POLITICAL SCIENCE (**BAP602T**)

Paper: - Public Administration

Marks 85+15 CCE

Unit-I

Public Administration: Meaning, Nature & Scope, Evolution, Public and Private Administration, New Public Administration.

लोक प्रशासनः अर्थ, प्रकृति एवं क्षेत्र, विकास, लोक एवं निजी प्रशासन, नवीन लोक प्रशासन।

Unit-II

Principles of Organization. Line & Staff Agencies. Chief Executive, Democratization and Public Administration.

संगठन के सिद्धांत, सूत्र एवं मंत्रण अभिकरण, मुख्य कार्यपालिका, प्रजातांत्रिकरण एवं लोक प्रशासन।

Unit-III

Personnel Administration: Recruitment, Training and Promotion, UPSC. Settlement of Disputes, O and M.

कार्मिक प्रशासन : भर्ती, प्रशिक्षण, पदोन्नति, संघ लोक सेवा आयोग, विवादों का समाधान, ओ एवं एम।

Unit-IV

Financial Administration: Budget. Audit & Accounting. Legislative Control. Finance Commission.

वित्तीय प्रशासन : बजट, लेखा एवं अंकेक्षण, विधायी नियंत्रण, वित आयोग

Unit-V

Development Administration; Role of Bureaucracy. Role of Panchayat Raj Institutions. Corruption; Lokpal & Lokayukt; Good Governance.

विकास प्रशासन य नौकरशाही की भूमिका, पंचायती राज संस्थाओं की भूमिका या भ्रष्टाचार, लोकपाल एवं लोकायुक्तय सुशासन।

Suggested Readings:

1. M.P. Sharma & B.B. Shadana. Public Administration: Theory and Practice, Kitab Mhal.
2. Moit Bhattacharya, New Horizons of Public Administration, Agra : Laxmi N. Agrawal.
3. A. Avasthi and S. N. Maheshwari, Public Administration Agra Laxmi N. Agrawal.
4. S.R. Maheshwari, Administrative Theory, New Delhi; Allied, 1994
5. M. Webet The Theory of Organization: Readings in Public Administration, New York, Harper and Ross.
6. T.N. Chaturvedi (ed) Contemporary Administration : Culture of India, New Delhi, Mittal 1997
7. M.E. Dimook, A Philosophy of Administration : Towards Creative Growth, New York Harper 1958
8. P.R. Dubhashi, Recent trends in public Administration : Kaveri Books, Delhi.
9. C.P. Bhambari. Public Administration.
10. A.H. Hanson. The Process of Planning.

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(W.e.f. session 2018)

Class: - BA

Semester: - VI Semester

Title of Paper: Visual Basic (BCP603 T)

Unit I

Introduction to Visual Basic

Introduction Graphical User Interface (GUI), Programming Language (Procedural, Object Oriented, Event Driven), The Visual Basic Environment, IDE

Introduction to VB Controls

Textboxes, Frames, Check Boxes, Option Buttons, Setting a Border & Styles, The shape Control, The line Control, Working with multiple controls and their properties, Designing the user interface, Keyboard access, tab controls, Default & Cancel property, Coding for controls, list box and combo box and their properties, filling the list box using property window/add item method, picture/image box and their properties.

Unit II

Variables, Constants, and Calculations

Variables, Variables Public, Private, Static, Constants, Data Types, Naming rules/conventions, Named & intrinsic, Declaring variables, Scope of variables, Val function, Arithmetic Operations, Formatting Data. Error functions and types introduction to menu editor.

Unit III

Decision & Conditions and controls

If Statement, if then-else statement, Comparing Strings, Compound Conditions*And, or, not). Nested if statements, Case statements, Using If statements with Option Buttons & check boxes, Displaying Message in Message Box, Testing whether input is valid or not. Using call statement to call a procedure. Do loop, while and for next loop.

Unit IV

Working with forms and procedure:

Introduction to forms and types of forms and form properties, Creating adding removing forms in project, Hide, show method, Load, Unload, Statement, Me keyword, Referring to Objects on a Different forms

Unit V

Introduction to database connecting tools(ADO, DAO, ADODC, ADODB), Creating the database files for use by Visual Basic (Using MS-Access), Using the data Control, setting its property, Using Data Control with forms, using list boxes & combo boxes as data bound controls, updating a database file (adding, deleting records)

Ps:- **(Lectures should be on Basic concepts only i.e. Definition, Diagrams and working Prin**

Books:

1 Programming with visual Basic – Mohd.Azam-Vikas Publication.

2 Teach yourself Visual Basic – Sams (Tech Media)