

कार्यालय महानिदेशक पुलिस, राजस्थान, जयपुर

क्रमांक:- प.11(01)प्रशि/पॉलिसी/2020/4390

दिनांक:- 12/04/2022

स्थाई आदेश संख्या-03/2022

राज्य सरकार के पूर्व पत्र क्रमांक प.5(8)गृह-1/06 दिनांक 24.06.2006 द्वारा अनुमोदित पाठ्यक्रम के व्यतिक्रमण में राजस्थान लोक सेवा आयोग द्वारा सीधी भर्ती से चयनित होने वाले आर.पी.एस. (प्रोबे.) अधिकारियों के आधारभूत संस्थानिक एवं व्यावसायिक प्रशिक्षण हेतु 02 वर्ष (104 सप्ताह) का संलग्न प्रशिक्षण पाठ्यक्रम निर्धारित किया जाता है। यह पाठ्यक्रम तुरन्त प्रभाव से लागू होगा।

संलग्न प्रशिक्षण पाठ्यक्रम राज्य सरकार के पत्र क्रमांक प.12(05)गृह-1/2019 दिनांक 04.04.2022 द्वारा अनुमोदित है।

(एम. एल. लाठर)
महानिदेशक पुलिस,
राजस्थान, जयपुर।

प्रतिलिपि:- निम्नांकित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित है:-

1. महानिदेशक, भ्रष्टाचार निरोधक ब्यूरो, राजस्थान, जयपुर।
2. महानिदेशक पुलिस, आसूचना, राजस्थान, जयपुर।
3. समस्त अतिरिक्त महानिदेशक पुलिस, राजस्थान, जयपुर।
4. निदेशक, राजस्थान पुलिस अकादमी, जयपुर।
5. पुलिस आयुक्त, जयपुर/जोधपुर।
6. समस्त रेंज महानिरीक्षक पुलिस, राजस्थान।
7. उप महानिरीक्षक पुलिस, राजस्थान पुलिस प्रशिक्षण केन्द्र, जोधपुर।
8. समस्त जिला पुलिस अधीक्षक, राजस्थान मय जीआरपी, अजमेर/जोधपुर।
9. समस्त पुलिस उपायुक्त, जयपुर/जोधपुर।
10. प्रधानाचार्य, राजस्थान पुलिस प्रशिक्षण केन्द्र, किशनगढ़।
11. समस्त कमाण्डेंट, आर्म्ड बटालियन्स।
12. कमाण्डेंट, पुलिस ट्रेनिंग स्कूल, जोधपुर/ खैरवाड़ा/ झालावाड़/ अलवर/ भरतपुर/ बीकानेर/ पीएमडीएस, बीकानेर/ पीसीटीएस, जोधपुर।

अतिरिक्त महानिदेशक पुलिस,
प्रशिक्षण, राजस्थान, जयपुर।

Office of the DGP
D.G.P.
I.G.P.
D.I.G.P.
A.I.G.P.
A.O.
A.A.O.
GROUP I
DATE



राजस्थान सरकार
गृह (ग्रुप-1) विभाग

क्रमांक: प.12(05)गृह-1/2019

जयपुर, दिनांक: 04.04.2022

अतिरिक्त महानिदेशक पुलिस,
प्रशिक्षण, राजस्थान, जयपुर।

विषय :- आरपीएस (प्रशिक्षु) अधिकारियों के प्रारम्भिक प्रशिक्षण पाठ्यक्रम में संशोधन कर नवीन पाठ्यक्रम अनुमोदित करने संबंधी।

प्रसंग :- आपका पत्र क्रमांक प.11(01)प्रशि/पॉलिसी/2020/2688-89 दिनांक 09.03.2022

महोदय,

उपरोक्त विषयान्तर्गत प्रासंगिक पत्र से आप द्वारा प्रेषित आरपीएस (प्रशिक्षु) अधिकारियों के आधारभूत संस्थानिक एवं व्यावसायिक प्रशिक्षण पाठ्यक्रम में विभाग द्वारा आवश्यक संशोधन कर अनुमोदित कर दिया गया है। अतः तदनुसार अग्रिम कार्यवाही हेतु प्रेषित है।
संलग्न उक्तनुसार- किता 66

भवदीय,

(रामनिवास मेहता)

संयुक्त शासन सचिव, पुलिस

प्रतिलिपि : अतिरिक्त महानिदेशक पुलिस सह निदेशक, राजस्थान पुलिस अकादमी, जयपुर को को सूचनार्थ।

संयुक्त शासन सचिव, पुलिस

194

Training Schedule for RPS (Prob.) for 2 Years

S. No.	Details	Duration
1	Foundational Training at H.C.M. RIPA	15 Weeks
2	Basic Institutional & Professional Training at R.P.A. (Phase-I) including Training at Central Academy for Police Training, Bhopal (M.P.) & Bharat Darshan	43 Weeks+3 Weeks+1 Weeks
3	Practical Training in District (Phase-I)	28 Weeks
4	Attachment to S.P. Office	01 Weeks
5	Attachment to R.A.C.	01 Week
6	Commando Training at P.C.T.S., Jodhpur including Border visit	04 Weeks
7	Attachment to National Forensic Science University, Gandhi Nagar, Gujarat	01 Week
8	Attachment to FSL, Jaipur	01 Week
9	Advanced Professional Skill Enhancement Course at R.P.A. (Phase-II)	04 Weeks
10	Attachment to P.H.Q.	1½ Week
11	Confirmation Exams	½ Week
	Total	104 Weeks

Syllabus for RPS (Prob.) Basic Training (Phase-I) (43 Weeks)

S. No.	Details	Duration
1	Total Duration	43 Weeks i.e. 301 days
2	Total number of Gazetted Holidays	75 days
	Mid-term Break	05 days
	Periodical Examinations, Final Examination, POP etc.	35 days
	Total	115 days
3	Working days for training (Column 1-2)	186 days
4	Indoor period available	1054 periods 6 Periods per day Except Saturday (155X6=930) 4 Periods on Saturday (31X4=124) (930+124=1054)
5	Outdoor period available (Including games & sports)	899 Periods 5 Periods per day Except Saturday (155X5=775) 4 Periods on Saturday (31X4=124) (775+124=899)
	Total periods (Indoor+Outdoor)	1054+899=1953

Rajathan Police Academy Jaipur

SYLLABUS FOR PROFESSIONAL SKILL ENHANCEMENT/UPGRADATION COURSE FOR

DEPUTY SPs OF STATE POLICE AT Central Academy for Police Training, BHOPAL (M.P.)(3 Weeks)

Indoor Topics

S. no.	Name of Paper	Periods Proposed
1	LEADERSHIP AND MANAGEMENT (1 Weeks)	30 Periods
2	CYBER CRIME INVESTIGATION/ARTIFICIAL INTELLIGENCE (1½ Weeks)	45 Periods
3	DERADICALISATION & ANTI TERRORISM (½ Week)	15 Periods
4	POST COURSE ASSESSMENT & VALEDICTION CEREMONY	-
	Total	90 periods

*Every Indoor session will be of 45 Minutes.

Outdoor Topics

S No.	Subjects	Days	Period per day	Total Period
1.	Physical fitness/ Endurance Training	18	2	36
2.	Drill	18	1	18
3.	Games	18	1	18
	Total	18	4	72

Syllabus for RPS (Prob.) Basic Training (Phase-I)

Indoor Papers

S. No.	Paper	Name of Paper	Periods	Marks
1	Paper-I	Indian Penal Code	120	100
2	Paper-II	Criminal Procedure Code	100	100
3	Paper-III	Indian Evidence Act	50	50
4	Paper-IV	Special & Local Laws (Central & Rajasthan Laws)	100	100
5	Paper-V	Forensic Science & Medical Jurisprudence	70	100
6	Paper-VI	Rajasthan Police Rules, Regulations & Service Rules	50	75
7	Paper-VII	Police Administration & Management	100	100
8	Paper-VIII	Security & Public Order	54	50
9	Paper - IX	Criminology	50	50
10	Paper - X	Practical Police Works	100	100
11	Paper -XI	Basic Computer Training	100	50
12	Paper - XII	Cyber Investigation	120	100
13	Paper - XIII	Qualifying Subjects	40	100
14		Advance Professional Skills (Theory & Practical)	4 Weeks	100 (50+50)
15		Director's Assessment		100
		Total	1054	1275

* Every Indoor session will be of 45 Minutes.

Rajasthan Police Academy Jaipur
Syllabus for RPS (Prob) Basic training (Phase - I)

Outdoor Subjects

S.no.	Subject	Periods	Marks
I	Physical Training/P.T. & U.A.C.	186	100
II	Drill with & without Arms	113	100
III	Weapon Training & Theory of Small Arms	94	50
IV	Police Subjects	50	70
V	Field Craft & E.O.D.	38	50
VI	Bomb disposal & Explosive	20	25
VII	Equestrian skills	31	30
VIII	Musketry & Firing	60	200
Qualifying Subjects : (Local Examination)		120	100
IX	Driving, Motor Mechanism & Maintenance	37	25
X	Swimming	40	25
XI	Disaster Response - Fire, flood, Draught, Earthquake, NBC, CSSR & Misc	14	25
XII	Pandemics /Epidemics and First Aid	09	25
XIII	Anti Terrorism, anti naxal and anti dacoity operations. Minor operations & demonstrations	20	-
	Games	187	-
	Total	899	725

* Every outdoor session will be of 40 Minutes.

* 4 days Jungle camp will be held in 39th week

* Route march will be held after 2 months of training once in a month (10 km, 15 Km, 20 Km)

* Night Training will be conducted on first & third Friday of each month from 1930 – 2010 in place of games

* No examination will be held for the qualifying subject No. XIII

172

Syllabus for RPS (Prob.) Basic Training (Phase-II) (4 Weeks)

S. No.	Details	Duration
1	Total Duration	4 Weeks
2	Total number of Gazetted Holidays including Sundays & Second Saturdays	i.e. 28 days 5 days
3	Working days for training (Column 1-2)	23 days
4	Indoor period available	132 periods 6 Periods per day Except Saturday (20X6=120) 4 Periods on Saturday (3X4=12) (120+12=132)
5	Outdoor period available (Including games & sports)	92Periods 4 Periods per day Except Saturday (20X5=80) 4 Periods on Saturday (3X4=12) (80+12=92)
	Total periods (Indoor+Outdoor)	132+92=224

Syllabus for RPS (Prob.) Basic Training (Phase-II)

Indoor Topics

S. No.	Topics	Periods in Weeks	Periods
1	Supervision by circle officers & control of Crime	01 Week	34
2	Investigation of crime against women	01 Week	34
3	Communication skill & report writing, social media, media management	½ Week	17
4	Law and order management	1½ Week	47
	Total	04	132

Syllabus for RPS (Prob) Basic training (Phase - II)

Outdoor Subjects

S.no.	Subject	Periods
I	Physical Training/P.T. & U.A.C.	23
II	Drill	23
III	Weapon Training & Theory of Small Arms	23
IV	Games/Riding /Swimming	23
	Total	92

*Every outdoor session will be of 40 Minutes.

K

175

178

Rajasthan Police Academy Jaipur
RPS Syllabus(Prob) Basic training (Phase - I) (43 Weeks)

Indoor Subjects

S. no.	Paper	Name of Paper
1	Paper - I	Indian Penal Code
2	Paper - II	Criminal Procedure Code
3	Paper - III	Indian Evidence Act
4	Paper - IV	Special & Local Laws (Central & Rajasthan laws)
5	Paper - V	Forensic Science & Medical Jurisprudence
6	Paper - VI	Rajasthan Police Rules, Regulations & Service Rules
7	Paper - VII	Police Administration & Management
8	Paper - VIII	Security & Public Order
9	Paper - IX	Criminology
10	Paper - X	Practical Police Works
11	Paper - XI	Basic Computer Training
12	Paper - XII	Cyber Investigation
13	Paper - XIII	Qualifying subjects (Indoor)

Paper – I

Indian Penal Code

Sessions : 120

Marks : 100

Module (A) :

- Introduction to Indian Penal Code with emphasis on its main features & objectives
- Preamble- (chapter i) sections 1 to 5
- General Explanations- (chapter ii) sections 6, 11, 12, 14, 17, 19 to 49, 51, 52, 52-a. all other sections. **(7 to 10, 13, 15, 16, 18, 50, 52 to 74)***
- Punishments- (chapter iii) sections 53 & 75
- General exceptions- (chapter iv) (sections 76 to 106)*
- Abetment- (chapter v) sections 107 to 120
- Criminal conspiracy- (chapter v-a) sections 120A & 120B
- Offences against the state- (chapter vi) sections 121-124a , 128-130, **(125 to 127)***
- Offences relating to the army- (chapter vii) sections 134, 136, 140, **(131 to 133, 135, 137 to 139)***
- Offences against public tranquillity- (chapter viii) sections 141 to 160
- Offences by or relating to public servants- (chapter ix) sections- 166, 166A, 167, 169, 170, 171, **(161 to 165, 168)***
- Offences relating to elections- (chapter ix-a) sections **(171-A to 171-I)***
- Contempt of the lawful authority of public servants- (chapter x) sections- 172 to 190
- Of false evidence & offences against public servant- (chapter xi) section- 191 to 193, 195A, 201, 211, 213, 216, 216A, 218, 221, 222, 224, 225, 225A, 225B,

228A and 229A, (194, 196 to 200, 202 to 210, 212, 214, 215, 217, 223, 226, 227)*

Module (B) :

- Offences relating to coins & government stamps- (chapter xii)(section- 230-263A)*
- Offences relating to weights & measures- (chapter xiii) section- 267, (264-266)*
- Offences affecting the public health, safety, convenience, decency & morals - (chapter xiv) sections- 268,269,(270 to 294A)*
- Offences related to religion-(chapter xv)sections- 295-298A
- Offences affecting the human body
 - offences affecting life- (chapter xvi) sections- 299 to 304, 304A,304B, 306 to 311,(305)*
 - of the causing of miscarriage, of injuries to unborn children, of the exposure of infants & of the Concealment of births- sections- 312-318
 - of hurt- sections- 319 to 338
 - of wrongful restraints & wrongful confinement- sections- 339 to 348
 - criminal force & assault- sections- 349 to 351,353, 354,356,358, (352, 355, 357)*
 - kidnapping, abduction, slavery & forced labour- sections- 359 to 363-a,366,366-a & b-369,371-374(364, 365, 367, 368, 370)*
 - sexual offences- sections- 375,376, 376-A to 376D
 - unnatural offences- sections- 377

Module (C) :

- Offences against property- (chapter xvii)
 - Theft- sections- 378 to 382

Paper II

Criminal Procedure Code

Sessions : 100

Marks : 100

Module A

- General introduction to the code with emphasis on its main features & objective
- Definitions- (chapter-i) sections- 2A to 2Y
- Constitutions of criminal courts & offices- (chapter-ii) section- 6 to 25A
- Power of court- (chapter-iii) sections- 26 & 27
- Powers of superior officers of police- (chapter-iv) section-36
- Aid to the magistrates & the police- sections- 37,39,40
- Arrest of persons- (chapter-v) sections- 41-60
- Processes to compel appearance- (chapter vi)
 - Summons- sections- 61 to 69
 - Warrant- sections- 70 to 81
 - Proclamation & attachment- sections- 82, 83, 87, 89&90
- Processes to compel the production of things- (chapter vii) sections- 91 to 105
- Security for keeping peace & good behaviour- (chapter viii) sections- 106 to 110, 116 and 122

Module B

- Maintenance of public order & tranquillity-(chapter x)
 - Unlawful assemblies- sections- 129 to 132
 - Public nuisance- sections- 133 to 143
 - Cases of nuisance or apprehended danger- sections- 144 and 144A

- Dispute as to immovable property- sections- 145 to 148
- Preventive action by police- (chapter xi) sections-149 to 153
- Information to the police & their powers to investigate- (chapter xii)
 - First Information Report (FIR)- sections- 154 to 156
 - Investigative power of police- sections- 157 to 159
 - Power of police to examine witnesses- sections- 160 to 163 and 164
 - Power of police for search & related procedures during investigation- sections- 165 to 167
 - Completion of investigations & related procedures- sections 168 to 173
 - Enquiry of unnatural deaths- sections- 174 to 176
- Mode of inquiry by the magistrate- (chapter xv) sections-202
- Attendance of persons confined or detained in prisons- (Chapter xxii) Sections 267
- Evidences in inquiries & trials- (chapter xxiii) sections - 273 to 275, 280, 284, 291, 293, 294, 298, 299, 306 to 308, 311, 311A

Module C

- Provisions as to bail & bonds- (chapter xxxiii) sections- 436 to 439, 440 and 446A
- Disposal of property- (chapter xxxiv) Sections- 451 to 459
- Limitations for taking cognizance of certain offences- (chapter xxxvi) sections- 467 to 473
- Miscellaneous- (chapter xxxvii) section- 482
- Classification of offences- schedule- I

Module D

- Criminal law amendment act 2013
- Criminal law amendment act 2018
- Latest Rulings and Land mark Judgments of Supreme court/High courts

Paper III
Indian Evidence Act, 1872

Sessions : 50

Marks : 50

Module A

- Introduction to the Indian evidence act (chapter - I) section- 1
- Definitions of key words- (chapter- I) sections 3 and 4
- Of relevancy of facts- (chapter- II-1) sections- 5 to 11, 14 and 15

Module B

- Admissions- (chapter- II-2) sections- 17, 24 to 30
- Dying declaration- (chapter- II-3) section- 32 and 33
- Statements made under special circumstances- (chapter- II-4) sections- 34 to 36
- Relevancy of judgements- (chapter- II-6) sections- 40 to 43
- Opinions of third persons- (chapter- II-7) sections- 45 to 47A
- Character when relevant- (chapter- II-8) sections- 52 to 54
- Facts which need not be proved- (chapter- III) sections 56-58
- Oral evidence- (chapter- IV) sections- 59 & 60

Module C

- Documentary evidence- (chapter- V- I) sections- 61 to 67A
- Public documents- (chapter- V- II) sections- 74-78
- Presumptions as to documents- (chapter- V-III) Sections- 79 to 85, 85A, 85B, 85C, 88A, 90, 90A
- Of the exclusion of oral by documentary evidence (chapter- VI) sections- 91, 92

Module D

- Of the burden of proof - (chapter- VII) sections-101 to 108, 113, 113A, 114, 114A
- Of witnesses- (chapter- IX) sections- 118 to 127, 133, 134
- Examination of witnesses- (chapter- X) sections- 137 to 141, 145, 146, 151, 152, 155, 158, 159, 160

Paper IV**Local & Special Laws****Sessions : 100****Marks : 100****Module (A) : Women, Children & Social Evil - Related laws****Cluster -1:- Women Related**

- Immoral Traffic (Prevention) Act, 1988
- Indecent Representation of Women (Prohibition) Act, 1986
- Commission of Sati (Prevention) Act, 1987
- Protection of Women against Domestic Violence Act, 2005
- Dowry Prohibition Act, 1961
- The Muslim Women(Protection of right on divorce) Act 2019
- Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013

Cluster -2 :- Child Related

- Child Marriage (Prohibition) Act, 2005

- Protection of Children from Sexual Offences Act 2012 (POCSO)
- Protection of Children from Sexual Offences rules 2020 (POCSO Rules)
- The Commission for Protection of Child Rights act 2005
- Juvenile Justice (Care & Protection of Children) act 2015
- Juvenile Justice (Care & Protection of Children) rules 2016
- The Child and adolescent labour (Prohibition & Regulation) act 1986 with amendment 2018

Cluster -3 :- Medical Related

- Pre-conception & Pre-Natal Diagnostic Techniques (Prevention of Sex Selection) Act, 1993
- Transplantation of Human Organs and Tissues Act, 1994
- Medicare Service Persons & Medicare Service Institutions (Prevention of Violence & Damage to Property) Act, 2008
- Mental Health Act 2016

Cluster -4 :- General

- Schedule Castes & Schedule Tribes (Prevention of Atrocities) Act, 1989
- Protection of Human Rights Act, 1993
- Maintenance & Welfare of Parents & Senior Citizen Act, 07
- The Bonded Labour System (Abolition) Act, 1976
- Rajasthan Prevention of Mrityu Bhoj Act, 1960*
- Rajasthan Public Examination (Measures for Prevention of Unfair Means in recruitment) Act, 2022
- Rajasthan Public Gambling Ordinance, 1949
- Prevention of Anti Social Activities Act, 2006 *

Module (B) : Environmental - Related laws

- Indian Fisheries Act, (1897)*
- Indian Forest Act, 1927
- Prevention of Cruelty to Animals Act, 1960*
- Wild Life Animal Protection Act, 1972
- Environment (Protection) Act, 1986
- Rajasthan Bovine Animal (Prohibition of Slaughter & Regulation of Temporary Migration or Export) Act & Rules, 1995
- Rajasthan Forest Act, 1953
- Rajasthan Preservation of Certain Animals Act, 1950
- Rajasthan Noise Control Act, 1963 & Rules, 1964 with case law with IPC Provisions
- Pubic Park Act, 1958*

Module (C) : Public and Private Property - Related Laws

Cluster- 1 :- Laws related intellectual property

- Cable Television Networks (Regulation) Act, 1995*
- Rajasthan Video film (Regulation of Exhibition) Act, 1990
- The Copy Right Act, 1957
- Information Technology Act, 2000 (with latest amendments)

Cluster- 2 :- Laws related public property (general)

- Electricity Act, 2003*
- Official Secrets Act, 1923*
- Prevention of Insults to National Honour Act, 1971 (extracts)
- Railways Act, 1989 (Important section only)*
- Religious Building (Prevention of misuse) Act, 1988*

h

- Prevention of Damage to Public Property Act, 1984
- Private Security Act, 2005
- Rajasthan Private Security Rules, 2007
- Rajasthan Anatomy Act, 1986*
- Rajasthan Prevention of Defacement of Property Act, 2006
- Land Revenue Act 1956
- Rajasthan Tenancy Act 1955

Module (D) : Drugs, Arms and Explosive-Related Laws

- Arms Act, 1959 & Rules, 1985 & latest developments
- Narcotic Drugs & Psychotropic Substances (Prohibition) Act, 1985
- Pit ND & PS Act
- Explosive Act, 1884
- Explosive Substances Act, 1908
- The Drugs & Magic Remedies Act, 1954
- Rajasthan Excise Act, 1954
- The Rajasthan Excise rules 1956

Module (E) : Economic Offences-Related Laws

- The Chit Funds Act, 1982
- Securities and Exchange Board of India Act, 1992 (SEBI)
- Prevention of Corruption Act, 1988
- The Lokpal & Lokayuktas Act, 2013
- The Antiquity & Art Treasure Act 1972
- The Foreign Exchange Management Act, 1999 (FEMA)
- The Passport Act, 1967
- Prevention of Money Laundering Act, 2002
- Fugitive Economic Offenders Act, 2018
- The Companies Act 2013
- Essential Commodities Act, 1955

h

Module (F) : Other Laws

- Motor Vehicle Act, 1988 (important sections) with 279 IPC
- Representation of People Act, 1951 with 171-A to 171-I
- Foreigners Act, 1946
- National Security Act, 1980
- Right to Information Act, 2005
- Unlawful Activities (Prevention) Act, 1967
- Police Forces Restriction of Right act and Rules, 1966
- Rajasthan Police Act, 2007 & Rajasthan Police Rules, 2008
- Rajasthan Essential Services Maintenance Act, 1970
- Rajasthan control of Goondas Act, 1975
- Rajasthan Habitual Offenders Act, 1953
- Cigarettes and other Tobacco Products (Prohibition of Advertisement and regulation of Trade and Commerce, Production, Supply & Distribution) act 2008 (COTPA)
- The Prevention of Food Adulteration Act, 1954
- The Food Safety and Standards act 2006
- The Prohibition of Employment as manual Scavengers and their Rehabilitation act 2013
- The Rajasthan Prevention of Witch Hunting act 2015
- The Rajasthan Vexatious Litigation(Prevention) act 2015
- Repatriation of Prisoners act 2003
- The Rajasthan Epidemic Disease Act 2020
- National Disaster Management act 2005
- Rajasthan Panchayati Raj Act, 1994
- Rajasthan Municipalities Act, 2009
- Jaipur Development Authority Act 1982

*Starred Acts of above modules are for self-study.

Paper V**Forensic Science and Forensic Medicine****Sessions : 70****Marks : 100****Forensic Science (Part – 1)****Module A - Theory**

1. Forensic Science – Its role in Crime Investigation, Forensic Science Laboratories and their utilization Central and Forensic Science Laboratories, GEQDs and fingerprint Bureaus in India, Mobile Forensic units & its components and Center for DNA Fingerprinting & Diagnostics (CDFD)/DNA.
2. A Physical Evidence- importance, search and collection, handling, preservation packing and forwarding. Chain of custody. B Photography & Videography, reconstruction of scene of crime.
3. Fingerprints – Classification, chance prints. Their development and recording, computerized system of fingerprints record and examination.
4. Foot and footwear prints – importance, lifting, casting, identification characteristics, gait pattern.
5. Documents- handling of documents, principals involved in handwriting and signature identification, documents forgery, obtaining standard writing, evaluation of erasures, alterations, additions, obliterations, age and order of writing, evaluation of type script, printed matter, computer prints and collection of specimen/admitted signatures / handwritings, interpretation of opinion and clarification in case of no opinion. Counter counterfeit currency and their detection.
6. Ballistics – Firearms and ammunition, their classification and identification, determining range of firing/close range effects- burning, blackening, tattooing, entrance and exit holes, bullet hole identification test (Copper & Lead), country made firearms, freak firearms, Shooter identification: Gunshot residue, firing pin impressions, breach face, extractor & ejector marks, Glass fractures by the bullets, An overview of Internal, External & Terminal Ballistics.

7. Explosives – Types of explosions, classification of explosives, commonly used explosives, country made bombs and improvised explosive devices, explosive residues. Post blast examination – collection of physical evidences of forensic importance. IED signatures.
8. Physical examination – Soil, glass, paint, tyre impressions. Tool marks, cut marks, physical matching of broken/cut items, spurious articles. Examination of rope/cloth/wire in hanging/strangulation cases. Restoration of erased numbers. Identification of precious metals & gemstones, building materials examination. Skull- photo super imposition. Computerized portrait building.
9. Invisible radiation and their application, X-Ray, UV&IR.
10. Toxicology- Classification, commonly used poisons signs and symptoms, sample/viscera collection / preservation and adulteration in food.
11. Narcotics, Drugs and Psychotropic Substances – Hallucinogens, Depressants, Stimulants, source, classification, identification, mode of administration, characterization & quantification. Stupefying drugs.
12. Alcohol- Blood alcohol concentration, breath analyzer, blood alcohol test.
13. Serology - Blood semen & saliva their detection origin & grouping Blood stain pattern analysis
14. Biology - hair, fibers, fabric, leaves, diatoms, entomology, wild life forensic, seeds etc.
15. DNA fingerprinting latest development touches DNA & rapid DNA technologies.
16. Polygraph, Narco-analysis, Brain mapping, Brain Electrical Oscillations Signatures (BEOS), functional- Magnetic Resonance Imaging (f-MRI)
17. Forensic Anthropology - skeletal analysis estimation of age, determination of sex and identification
18. Fire & Arson - Accidental fire, type of arson, examination of crime scene, locating the seat of fire, identification and collection of evidence to determine the cause of fire electrical Short Circuiting, burnt remains, use of chemical accelerants and explosives.
19. Voice identification and video authentication.
20. General Chemistry: Adulteration of petroleum products, spurious liquors/ toddy sample collection and preservation Food adulteration.
21. Chemical, Biological Nuclear & Radiation (CBNR)

22. Crime scene Photography, Videography – An SOP & case study

Module B - Practicals

1. Examination of scene of crime (including sketching) and collection of material evidence
2. Handling packing and labeling of exhibits & Forwarding of exhibits
3. Recording of the sample fingerprints
4. Developing and recording of latent prints by powder method, Iodine fuming Chemical methods (Silver Chloride & Ninhydrin) & Fuming chamber
5. Casting of footprint, Demonstration of path finder, Tracing of foot print and lifting by photo bromide paper.
6. Spot - examination of blood
7. Examination of bullet holes on glass pane
8. Identification of various caliber ammunition, cartridge cases and bullets
9. Spot examination of narcotics (demo)
10. Spot examination of explosives (demo)
11. Examination of hairs /fibre/saliva (demo)
12. Demonstration of lie detector
13. Visit to Forensic Science Laboratory.

Forensic Medicine (Part – 2)

1. Introduction- scope and importance of Forensic Medicine to police.
2. Examination of scenes of occurrence from the point of view of medico-legal evidence
3. Methods of establishing identity of living subjects, including determination of age
4. Methods of establishing of identity of dead persons, exhumation, post-mortem examination, examination of mutilated bodies and skeletal remains and determination of sex and age, DNA test and Superimposition.
5. Medico-legal aspects of different types of wounds/injuries - by road traffic accidents, by fire arms, sharp-edged or pointed weapons, burns and scalds, and explosives.

6. Medico-legal aspects of death, with emphasis on cause and time of death, distinction between homicidal, suicidal, accidental and natural deaths.
7. Violent asphyxia deaths - by hanging, strangulation, throttling suffocation and drowning.
8. Deaths from starvation, heat and cold
9. Medico legal aspects of deaths and injuries arising out of traffic accidents, drunken driving
10. Deaths and injuries caused by lightning and electricity
11. Sexual offences- rape, criminal abortion and infanticide.
12. Medico- legal aspects of insanity, Forensic Psychiatry
13. Medico- legal aspects of poisons commonly used in India in the commission of crime (living subjects and dead bodies)
14. Transportation of injured and dead bodies
15. Detection of paternity and identification by DNA finger printing.
16. Recent advances in Forensic Medicine particularly in the identification of living and dead
17. Common words/terminology used in post-mortem and medico-legal examination/reports
18. Medical Negligence: Fundamentals of investigation.
19. Recent Advances in Forensic Medicine: Virtual autopsy, body scanning & imaging
20. Impact of Chemical, Biological & Nuclear Terrorism

Paper VI**Rajasthan Police Rules, Regulations & Service Rules****Sessions : 50****Marks : 75**

- Rajasthan Service Rules, 1951
- Rajasthan Police Service Rules, 1954
- Rajasthan Police Regulation, 1948
- Rajasthan Police Rules, 1965
- Rajasthan Police Subordinates Services Rules, 1989
- Rajasthan Civil Services (Conduct) Rules, 1971
- Rajasthan Civil Services (Classification, Control & Appeal) Rules 1958
- G.F. & A.R.(GA-55 & relevant Sections)
- Rajasthan Transparency in Public Procurement act 2012
- Rajasthan T.A. Rules, 1971
- All Standing Order issued by Police Headquarters

Paper VII

Police Administration & Management

Sessions : 100

Marks : 100

Part A – Police Administration

Module (A) : Role of Police in society-

- Crime scenario, history of crime & social structure
- History & role of police in India
- Maintenance of public order, prevention & detection of crime
- Internal security
- Emergence of terrorism / extremism & insurgency.
- Caste & communal polarization
- Criminal nexus in different segments of establishment/ public & police
- Changing concept of policing from force to service & expectations of public in changing socio-economic-political scenario

Module (B) : Contemporary Issues in Policing

- Internal challenges to national integration
 - Casteism, communalism & fundamentalism
 - Terrorism, militancy & left wing extremism
 - Meaning, Types and Causes
 - Groups
 - Modus Operandi
 - Collection of intelligence on the activities of terrorists of groups
 - Do's/ Don'ts in conducting operations
 - Prevention, detention and arrest
 - Hawala Financing
- Crime against women, children & weaker sections of the society
- Gender sensitization
 - Women police & their role in police work
 - Sexual harassment at workplace
- Elderly safety
- Law & Order and Revenue Matters – An overview

- Communal harmony & Social security
- The executive & the legislature
- Impact of economic globalization on police working
- Police reforms
- Public delivery services related to police

Module (C) : Police & Human rights -

- Concept & philosophy of human rights
- Human rights laws & conventions
- National & State human rights commission
- Guidelines of human rights commission for Police working
- Human rights violations: Case Studies
- Behaviour with offender under police custody (in the light D.K.Basu case)
- Custodial violence

Module(D): Administrative set-up of Central Police Organizations

- Interpol
- Role of the Central Government & Ministry of Home Affairs
 - Constitutional provisions
 - **Central Police Organizations & other organizations (Aims & Objectives)**
 - Intelligence Bureau
 - Central Bureau of Investigation (including Interpol Division)
 - NCB
 - Bureau of Police Research & Development
 - Central Reserve Police Force
 - Border Security Force
 - Indo Tibetan Border Police
 - Railway Protection Force
 - Central Industrial Security Force
 - Police Training Institutions (SVPNPA, CDTS etc.)
 - Central Forensic Science Laboratories & Institutions
 - Government Examiners of Questioned Documents
 - Directorate of Co-Ordination: Police Wireless & Computers
 - National Security Guard
 - Special Protection Group
 - Internal Security Academy

- National Crime Records Bureau
- Indian Armed Forces (including Territorial Army, NCC etc.)
- Armed Forces & Civil Administration (including Civil & Military liaison conference)
- Civil Defence set-up in State
- National Investigation Agency
- Enforcement directorate

Module (E) - Administrative set up of State police organizations

A. Organization of State Police

- Home Department
- DG
- ADGP, IGP, DIGP
- Range
- District
- Circle
- Police station and outpost
- Women Police Station
- Cyber Crime Police Stations
- Special Units – SIUCAW, SC/ST Cell, SJPU, AHTU, HCMU etc.
- Reserve Police
- Traffic police
- District Crime Record Bureau, District Special Branch
- Armed Forces

B. Police Commissionerate

- Commissioner of Police
- Additional Commissioner of Police
- Deputy Commissioner of Police
- Asst. Commissioner of Police

C. Police Headquarters & Branches

- CID (CB)
- State Intelligence
- Rajasthan Armed Constabulary
- Home Guards
- Anti-Corruption Bureau
- State Crime Record Bureau (SCRB)
- Jail Department
- State Finger Print Bureau.
- Headquarter Division
- Personnel Division
- General Railway Police
- Police Tele Communication & Wireless
- Forensic Science Laboratory.
- Training Directorate.
- Rajasthan Police Academy, Rajasthan Police Training centers and Training Schools.
- State Disaster Response force (SDRF)
- Rajasthan Police Infrastructure Development Corporation Ltd.
- Community Policing
- Planning, Modernization and Welfare
- Rules division
- Reorganization
- Recruitment
- Civil Rights
- Anti-Human Trafficking Division

D. Visit of Police Station, RAC battalion/Company, CID Zone office, Abhay Command Centre, State Control Room/Control Room, Traffic Control Room, State Emergency Operation Centre

Module (F) - Civil Administration

- Powers and functions of
 - Divisional Commissioner
 - Deputy Commissioners
 - Sub-Divisional Magistrate
 - Sub-Registrars
 - Tehsildars & Patwaris.

Part – B Management

Module (A) - Human behavior

- Factors influencing human behavior
- Perception, attitudes and behavior
- Prejudices, stereotypes and biases and how they influence human behavior
- Development of Human personality & characteristics of a stable personality
- Qualities of a good Police officer
- Anxiety and dealing with anxiety
- Group behavior, changing pattern of small groups and their functions and crowd psychology.
- Behavior of police with public – its importance, need for change and ways & means for bringing in change, good practices adopted by different police units.
- Police image, Police Sub-culture and initiatives for improvement

Module (B) - Management Techniques

- Hierarchy, Span of control, Unity of command, Coordination, Delegation of authority, Decentralization and Supervision.
- Organizational behavior and soft skills.

- Communication viz. Oral, written, non-verbal; Barriers in Communication and measures to overcome these
- Art of listening.
- Art of Public Speaking.
- Art of Writing – Official Communication Skills
- Group Dynamics and team building
- Conducting effective meetings.
- Conflict Management:
- Negotiation Skills – handling various sections of society
- Media Management
- Theories of Motivation for application in Police
- Interpersonal Relationships.
- Element of effective decision making, decision making styles and models.
- Creativity and Innovation at work.
- Mental Health
- Health Management
- Personal financial management
- Time Management.
- Controlling “Anger” and “Aggression” at work
- Quality of work life (QWL) and stress in Police
- Improving QWL in Police (psychological and Infrastructural)
- Stress Management in Police
- Office management – Service writing & notes on file, formal official & Demy official letters

- Good practices in policing & law enforcement innovations
- Case studies of renowned police leaders

Module (E) :Ethical Behaviour

❖ Introduction-

- Culture of police organization (sub culture)
 - Nature of organization (impact on the human behaviour)
 - Role of organization
 - Needs to change nature of organization
- What are custom, usage, traditions, ethics, religions
 - Why to know about it
 - Sources from customs & ethics derived
 - General antiquates at workplace (Police station, police lines, offices, hostels, mess etc.)
- Application of ethics – for police working
 - General attitude of society towards ethics
 - Personal integrity & ethical behaviour
- What are professional ethics – police ethics
- Concept of public service
- Fundamental principles for policing
 - Needs to be adaptable, social, assertive, polite, co-operative

❖ Democratic system & values of rule of law

- Justice & judgement
 - By police during duty

- By superiors towards subordinates
- Liberty
 - Constitutional
 - Humanitarian
- Secularism
 - Equality before law
- Dignity of the individual
- Police code of conduct
 - Legal
 - Social

❖ Ethical dimensions of police work

- Decision making in complex & conflicting situation
 - a. Individual response
 - b. Environmental compulsions
- Stakeholders in policing
- Application of discretion
 - Legally
 - Emotionally
 - Socially
- S.W.O.T. Analysis

❖ Applying ethical approach to policing issues

- Registration, investigation & prosecution of cases
- Behaviour with complainants, witnesses and accused persons

- Public order management
- Use of adequate force and L&O managements
- Police administration (recruitment, transfer, etc.)
- Interact with politicians/ media/pressure groups, students etc
- Crime against women and sensitivity of police
- Dangers of corruption
 - Personal or system's fault
- Police, public & N.G.O. interface
- Role of religious groups in maintenance of law & order.
- Role of leadership in promoting ethical climate in organization
- Dealing with
 - Seniors- leaders, adviser, guides, guardian
 - Juniors- team member, extra force, working force
- Moral and ethical value attributes of a police leader
- Impact of police profession on personality – moral vulnerability of police

Paper VIII
Security & Public Order

Sessions : 54

Marks : 50

Module A - Crowds and Unlawful Assemblies

1. Dynamics of Group- Group Pressures: Group Goals; Group Conformity
2. Individual and mass behaviour in extreme situations (crowd psychology and behaviour, Joint Liability, Common intention, unlawful assembly)
3. Control of Lawful and unlawful assemblies (Crowd control techniques and Deployment techniques)
4. Principles of crowd control.
 - Correct police attitudes in dealing with different classes of agitators.
 - Collection of intelligence.
 - Counseling and mediation.
 - Rumours.
 - Anticipation of Law and order situations.
 - Special problems in dealing with Agitations of Students, labour, farmers, women and other weaker section.
 - Use of Force and Less lethal methods of dealing with violent crowds
 - Optimization of resources
5. Arrangements for festivals
6. Broad principles of riot schemes
7. Problems of mobilization, command and control.
8. Broad principles of deployment of Home Guards, Para-military forces; method of co-ordination and co-operation.

9. Dealing with communal Tensions/ riots. Handling communal problems - climate, tension, apprehension and incidents.
10. Judicial enquiries
11. Election management – Maintenance of order during elections
12. Combating mafias and organized criminals

Module B - Collection of intelligence, Security and Foreigners Surveillance and collection of Intelligence

1. Surveillance- Purpose and Objects
2. Surveillance on suspects and foreigners
3. Collection of Intelligence- Art and Craft
4. Open source intelligence
5. Intelligence on Anti- social elements.
6. Legal Interception
7. Interstate movement of suspects
8. Security and Foreigners (relevant Law)
9. Source raising – use of technical gadgets in intelligence

Module C - Traffic Management

1. Concept and techniques of traffic management including engineering, education and enforcement
2. Traffic Police organization and functions
3. Road Safety Education
4. General principles of law and regulations affecting Traffic enforcement, organization and administration, Traffic Laws & Rules, Preparation of challan for important traffic offences
5. Traffic codes
6. Vehicle registration and control
7. Traffic planning and co-operation with other departments

8. Road courtesy.
9. Traffic problems
10. Importance of Human factors in Maintenance of machines.
11. Importance of traffic regulation-human, physical, automotive and computer
12. Managing traffic jams – Preparations of bandobust scheme for VVIP movement, religious / political / cultural functions and rallies.
13. Traffic engineering & management
14. Intelligent traffic management system

Module D- Internal Security

1. Introduction to internal security and threats to internal security including non-traditional internal security concerns, prevailing scenario
2. Various types of extremism including Left Wing Extremism, Militancy, Insurgency, Terrorist activity and religious fundamentalism (case studies to be discussed)
3. Various terrorist/extremist local, national & international organizations & their operational strategies
4. Counter measures, strategy, and tactics to deal with terrorism, insurgency, and left wing extremism
5. Internal security schemes
6. Counter Terrorism and Counter Insurgency operations

Module E - VIP Security

1. Security of VIP
2. Concept of VVIP and VIP security
3. General Principles of VVIP/VIP Security
 - Collection of Advance Intelligence prior to the arrival of VVIP/VIPs
 - Threat perception

- Threat assessment
- Advance Security liaison (ASL)
- Physical deployment
- Access control
- Anti-sabotage check
- Contingency arrangements

4. Security arrangements for VIP

- At place of stay
- At a public rally
- During movement by road including convoy arrangements
- At helipad/airport

5. Individualistic Security

- Category of security: Z+, Z, Y, X scale
- PSOs
- Gunman security

6. Vital Installations & Industrial Security

- A B C category
- Security audit
- Security arrangements
- Security arrangements at places of High Foot Falls
- Security arrangements for Foreign establishments
- Use of security related equipments

Module F - Disaster Management

1. Types of Disaster:

- Geological: Earthquakes, Tsunamis, Volcanoes, and Landslides
- Climatic: Tropical Cyclones, Floods, Drought

11

- Environmental: Pollution, Deforestation, Forest Fire
 - Epidemic: Outbreak of communicable diseases
 - Industrial Accidents: Water Flooding in to a mine, Gas leak in factories
2. Disaster Preparedness and Planning: Disaster management structure at district level, role of civic authorities in disaster management.
 3. Emergency Relief Assistance in Natural Calamities: Role of police as first responders
 4. Evacuation drills for natural and manmade calamities –Rescue techniques & Mock drills
 5. National Disaster Management Authority, State Disaster Management Authority, National Disaster Management Act 2005
 6. Coordination with other departments
 7. Function of Emergency Response Centre
 8. Contingency planning
 9. Incident command system

Paper IX

Criminology

Sessions : 50

Marks : 50

- Concepts of criminology
- Criminological factors
 - Psychological
 - Sociological
 - Economical
 - Political

- Religious
- Deviance & delinquency
 - Individual deviance
 - Collective deviance – organized defiance of authority – organized crime, gangsterism.
 - Juvenile delinquency
 - Professional criminals
 - Social vices (gambling, alcoholism, drug-abuse & prostitution)
- Emerging trends in crime
- Penology
 - Concept of penology
 - Provisions for punishment including imprisonment
 - Measures for correction & reform of criminals
- Victimology
 - Concept & objective
 - Criminal justice system & criminals
- Community policing
 - Concepts of community policing
 - Community participation in police work
 - Police public relationship
 - Community policing & prevention of crime (including reformation of criminals)
 - Role of community in combating terrorism and insurgency
 - Implementation strategy
 - Survey & reengineering
 - Community Policing Initiatives/ Schemes in Rajasthan

4

209

Paper X
Practical Police Works

Sessions : 100

Marks : 100

Module (A) : Processes of Investigation –

- General principle of investigation & qualities of an investigating officer. Role of Sub-Inspector/SHO in investigation of cases
- Registration of FIR & its importance
- Scene of crime & its preservation
- Collection of evidences & secure help of experts
- Collection of criminal intelligence
- Search & seizure and recovery of property
- Examination of witnesses, recording of statements and dying declaration
- Interrogation of suspects & accused, Principles & techniques of interrogation and recording of confessions (judicial & extra-judicial)
- Arrest of accused, remand & bail provision
- Attachment of accused's (absconders') property
- Identification parade & its importance
- Reports of investigations / inquest
- Inquiries & co-ordination with other police stations
- Investigation of offences against body
- Investigation of offences against property
- Investigation of road accidents
- Investigation of white collar crime

- Investigation of offences relating to documents & coins
- Investigation of offences relating IT acts
- Previous record of conduct and its importance with reference to 75 IPC
- Basic errors in investigation

Module (B): Investigation & Detection of Heinous Crimes:-

- Robbery & Dacoity including bank & Road Robberies with reference to R.D.A. Act.
- Burglary
- Rape
- Riots (communal & other public order crime)
- Murder
- Hit & Run cases
- Economic offences
 - Criminal Breach of trust, cheating by impersonation and confidence winning tricks etc.
 - Counterfeiting of Coins & Currency
 - Frauds – Banking, Credit cards, Financial Institutions, Stock market
 - Money Laundering (brief introduction only)
 - Investigation & prosecution of anti corruption cases including case studies.
- Crimes Against Women, Weaker Sections, Children and Disadvantaged Groups
- Terrorism related crimes – Arms Act 1959, Indian Explosive Act. 1884, Explosive Substances Act. 1908
- Organized crime -
 - Smuggling of narcotics, bullion, arms & other contraband

- Kidnapping for ransom
- Prevention of Damage to Public Property (PDPP Act.)

Module (C): Communication & report writing (written communication)

- Introducing ingredients of office communications
- Practical exercises to write an observation report of a scene of crime etc.
- Practice of a report writing in case of a traffic accident
- A report writing on self defence incidents force use
- Writing a report on arrest & seizures
- Writing FIR on an oral complaint in case of dacoity& murder case
- Drafting an FIR on riots, law & order incidents, ND&PS Act. and other special laws
- Writing a special report on seizure of arms & explosives from strangers
- Recording of dying declaration
- A report writing on arrest of a dangerous lunatic
- Report on information gathered about plans for agitation/demonstration by different groups
- Practice for recording information about a dangerous rowdy in general diary
- Importance of written communication- an introduction
- Techniques of effective written communication
- Report for detention
- Report for regulatory order
- Entries in history sheets
- Drafting radio messages on crime, law & order
- Drafting special branch reports
- Drafting charge-sheet

- Drafting of other documents

Module (D) : Familiarization with

- Instruments/Conveyance (Will, Sale Deed, GPA/SPA, Lease & Licence Deed, Rent Deed, Contracts/Partnership Deed, etc. etc.).
- Revenue Records (Khasra/Khatauni, Girdawari, Land Demarcation etc.).

Module (E) : Trial of Cases & Court Management

- Importance of trial of cases
- Type of court & court procedures
- Charge sheet
- Court calendar number
- Call work & adjournments
- Production of witnesses
- Remand, bail petition handling and report of accused requisition for identification parade
- Co-ordination with prosecution service
- Service of summons & execution of warrants
- Review of pending trial cases
- Judgement & judgement copies
- Appeal & procedure for appeal
- Witness protection
- Moot Court
- Faulty investigation & judicial interventions
- Judicial activism and Police functioning
- Case study of trial court judgements & group discussion

Module (F) : Crime Prevention

- Concepts of prevention of crime – methods & strategies
- Involvement of community-neighbourhood policing
- Beat system in urban & rural areas
- Crime beats- patrol, pickets, planning, deployment & supervision
- L&O beats- patrol, pickets, planning, deployment & supervision
- Traffic beats- patrol, pickets, planning, deployment & supervision
- Use of police station records for crime prevention
- Criminal intelligence
- Crime mapping
- Surveillance
- Criminal information system & coordination in interstate crime
- Innovation in law enforcement

Module (G) : Surveillance & Collection of Intelligence-

- Surveillance – purpose & objects
- Techniques of surveillance
- Surveillance & intelligence for check on property offenders
- Surveillance & check on anti-social elements
- Surveillance on suspects & foreigners
- Surveillance equipment: an introduction
- Collection of intelligence – tradecraft
- Raising and handling of sources
- Observation & interrogation
- Secret enquiries



Module (H) : Preparation & Use of Crime Records-

- Importance of crime records
- Type of crime records
- Analysis & use of records in crime prevention & detection
- Computerization of crime records & its importance

Paper XI**Basic Computer Training****Sessions : 100****Marks : 50****Module A - Basic Idea of Digital devices****(sessions – 50, marks- 25)**

- Introduction to various types of Computers, Scanners, Printers & peripherals, Mobile Phones, storage devices , CCTV surveillance and other digital equipment used in Information Technology and communications.
- Networking Basics, Concept of LAN and WAN
- Concept of communication over the internet and intranet including Email, Instant Messenger, World Wide Web, Voice over IP, video chat, LAN messenger etc.
- Concept of file storage in a storage media or cloud
- Differences between format, delete, cleanup and wipe

Concept of Physical address (MAC) and Logical address (IP address)

- MAC (Media Access Control) Address
- IP Versions
- Private and Public IP
- Static and Dynamic IP Address

- Ping and Tracert commands
- How devices on a network can be found.
- 1. Basic idea of popular operating systems:
 - Windows
 - Linux (Ubuntu, Centos, RedHat etc.)
 - Apple Macintosh (macOS)

Mobile OS:-Basic Idea of Android, Windows Phone , Apple iOS etc.

- Features of Android OS/Apple iOS
- Advantages and Disadvantages of Android OS/Apple iOS

Popular Web Browsing Software and their configuration

- Google Chrome
- Mozilla Firefox
- Internet Explorer
- Opera
- Microsoft Edge etc.
- Understanding of Freeware, Shareware, Proprietary Software etc.

Common Terms in Computer and Network security

- Virus Threats
- Spyware Threats
- Hackers
- Phishing Threats
- BOTs
- Denial of service
- DDOS attack
- Applications used in Rajasthan Police

12

Module B**(sessions – 50, marks- 25)****CCTNS - Crime and Criminal Tracking Network & Systems**

Knowledge of Integrated Investigation Forms (IIF), Rojnamcha Aam (General Diary), Case Diary and Crime Digest in CCTNS.

- IIF1 First Information Report
- IIF2 Crime Detail Form (Naksha Mauka etc.)
- IIF3 Arrest/ Surrender Form
- IIF4 Property Search and Seizure Form
- IIF5 Final Report Form (FR/Chargesheet)
- IIF6 Court Disposal Form
- IIF7 Appeal Form

All other registrations including their enquiry/investigation, in CCTNS i.e., Complaint, Missing Person Report, Missing Cattle Report, Unidentified dead body, Marg, preventive actions and brief introduction to major customization modules developed by Rajasthan Police under CCTNS project. Reports, Registers and Analytical dashboards in CCTNS.

ICJS: Interoperable Criminal Justice System : Various pillars, user application.

Various applications used in Rajasthan police :

- Citizen Services
- RAJASTHAN POLICE WEB PORTAL
- CHILD TRACKING WEBPORTAL
- ADVANCED ANALYTICS
- RAJKAJ
- LITES
- Pay manager

- Pay manager
- Dreams
- SSO Portal
- Sampark Portal
- NAFIS
- Other national portals

Mobile App used in Rajasthan Police:

- RAJCOP including Communication Platform email (Rajmail), Instant Messenger (sandeshwahak), Digital Radio (Police Radio)
- RAJCOP CITIZEN
- ERSS-112
- SENIOR CITIZEN
- RajLMS
- Predictive policing & use of advance technology in investigation

Technology and equipment used in Abhay Command Control Centers/Police Control Room

- Camera installed in districts and their utilities under the project
- Video Surveillance System
- CAD & Dial 100 System
- Hardware VC used by Police Departments and video Conference utility softwares i.e. cisco webex, google Meet etc.
- 112 Emergency Response System

Module C

Introduction to Cloud Computing

- Overview of Cloud Computing
- Introduction of Cloud Computing Architecture

R

Crimes targeting computer system

- Hacking
- DOS & DDOS Attack
- Spreading viruses and malwares
- Website defacement
- Facebook defamation etc.
- Cyber terrorism
- Spoofing
- Skimming
- Pharming
- Spamming
- Cyber stalking

Crime in which computer systems are used as tools/instruments

- Financial Fraud
 - ATM Fraud
 - Lottery win
 - Insurance Fraud etc
- Data Modification
- Identity theft and its misuse
- Cyber bullying/stalking
 - Cyber Stalking via Gmail, facebook , whatsapp and other social media
- Data Theft
- Pornography
- Theft of trade secrets and Intellectual property
- Espionage on protected system

Module D : Wireless and Mobile Communication

- VHF and UHF communication used in Rajasthan Police
- Basic concept of Radio Trunking System
- Basic concept of Digital Mobile Radios(DMR) Type II, Type III etc
- Introduction to cellular mobile communication, concept of MSC and BTS
- Generations of cellular network i.e. 2G, 3G, 4G, and 5G Technology
- Wireless Standards and their security encryption standards
- GPRS, WCDMA, LTE, VoLTE, WiMAX.

Paper XII

Cyber Investigation

Sessions : 120

Marks : 100

Electronic/Digital Evidence

- Principles of Electronic Evidence
- Electronic Evidence at Crime Scenes
- Seizure of Digital Devices, Mobile Phones, Other Storage Media their Handling and Transportation
- Role of Electronic Evidence in Crime Investigation and Challenges
- Non linear data structures with hash tables – Next generation internet protocols
- Tools & software's used for investigation of online crimes

Gathering information from external agencies/companies

- Availability of info and format from Internet Service Providers
- Information from email service providers

4

- Information from mobile service providers
- Information from social networking sites like Facebook, Whatsapp, Instagram, Twitter etc.
- Information from financial institutions
- Information from website domains/hosting providers
- Information from VoIP service providers etc.
- Artificial intelligence & law enforcement

Legal procedure for gathering information outside india (MLAT) Mutual Legal Assistance Treaty

Analysing of external data

- Time zone conversion
- Email Headers
- Limitation of Email Headers as investigation tools
- Location based services (LBS)

Call Detail Record (CDR)

- Legal Provisions.
- CDR standard format
- CDR Analysis - Software, Reports - Case studies.
- TDR
- TDR analysis - Case studies.
- Internet Protocol Detail Record (IPDR)
- ILD or Gateway data analysis
- Voice over IP (VOIP)

Mobile Forensics

- Introduction to mobile forensics
- Major mobile phone related Cyber Crimes
- Mobile Forensics definitions
- Mobile phone data extractor and its uses & techniques
- Evidence in Mobile Devices
- Evidence that can be extracted from a traditional mobile device

- Evidence that can be extracted from a smartphone
- Evidence related to the intermediaries
- Challenges in extraction of Forensic evidence
- Investigative Procedures
- Precautions to be taken before an investigation

Social Media

- Concept of Social Media
- Various social media platforms
- Importance of Social Media w.r.t. Law Enforcement Agencies
- Social Media Monitoring - Software, reports and its uses.
- Procedure for getting records from Social Media sites.

Tools/Software's available with Rajasthan Police for Crime Investigation and Crime Prevention

- Cell Site Analyzer
- CDR Analysis tools
- Mobile Forensic Tools
- Video and Photo Enhancement Tools etc.
- Encryption & password cacking
- Overview of Forensic Investigation Lab (CCPWC Lab) and available software/tools.
- Internet interceptions, surveillance & proxy servers.
- Concept of Darknet, Dark Web and Cryptocurrency
- Crime mapping with ITAA, IPC and SLL
- Various Case Studies with special emphasis on Latest trend of Cyber Crime and Economic Offences

Paper – XIII

Qualifying subjects (Indoor)

Sessions : 40

Marks : 100

- Police Telecommunication
- Pandemics /Epidemics and First Aid



222

Syllabus for RPS (Prob) Basic training (Phase - I)
Outdoor Subjects(43 weeks)

S.no.	Subject
I	Physical Training/P.T. & U.A.C.
II	Drill with & without Arms
III	Weapon Training & Theory of Small Arms
IV	Police Subjects
V	Field Craft & E.O.D.
VI	Bomb disposal & Explosive
VII	Equestrian skills
VIII	Musketry & Firing
<u>Qualifying Subjects : (Local Examination)</u>	
IX	Driving, Motor Mechanism & Maintenance
X	Swimming
XI	Disaster Response - Fire , flood, Draught ,Earthquake, NBC, CSSR & Misc
XII	Pandemics /Epidemics and First Aid
XIII	Anti Terrorism, anti naxal and anti dacoity operations. Minor operations & demonstrations
	Games

DETAILS OF OUTDOOR SUBJECTS TRAINING

223

Name of Paper	Periods	Marks
Paper I :-Physical Training/P.T. & U.A.C.	186	100
1 Anaerobic exercises		
<ul style="list-style-type: none"> • Weight training • Sprinting- (part of interval training), alternative fast and recovery running, last man up running. 		
2 Strengthening exercises- endurance training		
<ul style="list-style-type: none"> • Hand walking • Walking on crutches • Backward walking on hand • Grip training – hand stands, fingertip pushups • Sandbag relay • Mountaineering • Rock climbing • Scrambling 		
3 Agility exercises		
<ul style="list-style-type: none"> • Reflex training • Breathing exercises • Flexibility training • Cool down and stretching techniques • Balancing on beams • Shadow boxing 		
4 Canadian PT-charts 5 B.X. 1 to 6- (to test instructional ability also)		
5 Groundwork-(front roll, back roll cart Wheel) Horse work		
6 Rope work– I,II,III rd class ropes, Monkey Rope		
7 Beam work & Balance		
8 Obstacle and assault course - to include running, crawling- low rail, tunnel, belly crawl, barbed wire, low wall, fence, climbing rope, wall, jumping- ditch, trench, platforms, hurdles, dodging obstacles, balancing- on logs and beams, hanging with ropes, muddy pool, ropes challenge course, wall hanger, Tarzan swing, landing and jumping		

9. U.A.C.

- Falls
- Blocks
- Locks
- Throws-(Techniques only)
- Combat sports
- Wrestling
- Boxing
- Martial arts- Karate (preliminary)

L

10. YOGA & PRANAYAM

224

SUKSHMA KRIYA

Stretching exercises & Warming up

ASANAS

(STANDING POSITION)

Asana
Tada Asana
Trikon Asana
Ardhachakara Asana

Asana
Padahast Asana
Vriksha Asana
Suryanamaskar

(SITTING POSITION)

Asana
Vajara Asana
Manduk Asana
Paschimottan Asana
Kone Asana

Asana
Ushtra Asana
Padm Asana
Matsya Asana

(PRONE POSITION)

Asana
Ardhasalbh Asana
Shalab Asana

Asana
Bhujang Asana
Dhanur Asana

(LYING POSITION)

Asana
Uttanpad Asana
Pawan mukt Asana
Makr Asana
Noaka Asana
Padsanchalan Asana

Asana
Sarvang Asana
Hal Asana
Chakr Asana
Shava Asana

Surya Namaskar- Various Mudra's

PRANAYAMA.

Pranayama
Gahre Lambe Shvas
Anulom Vilom
Kapalbhati
Bharamari

Pranayama
Sheetali/Sheetkari
Agnisaar
Ujjaipranayama

11 Stamina exercises

Camping and trekking, cross country walking and running, long road marches with a rucksack & weapon.

12 Physical efficiency test

- Chin up
- Push up
- Strength test
- Standing Jump
- Endurance test

13 Dieting and nutrition, anatomy, physiology and body mechanics

P. PATTERN OF EVALUATION Total Marks 100

- P.T. Including 5 B.X. chart with Instructional ability – 20 marks
- Ground work – 06 marks
- Horse work – 06 marks
- Beam work (For Men- 5,7,8) – 06 marks
- Balance (For Women) – 06 marks
- Rope work – 06 marks
- Yogasan & Pranayam – 10 marks
- UAC – 10 marks
- Obstacles course – 10 marks
- 5 km. running – 20 marks

Criterion of evaluation of 5 kilometre running -

A. For Men-

Up to 25 minutes 30 marks

Up to 28 minutes 24 marks

Up to 30 minutes 18 marks.

B. For Women-

Up to 32 minutes 30 marks

Up to 34 minutes 24 marks

Up to 36 minutes 18 marks.

(Mandatory to get 18 marks to pass the paper)

Name of Paper		Periods	Marks
Paper II :-Drill with & without Arms		113	100
1 Turn out		05	05
2 Squad drill without arms. (with instructional ability)		20	15
I. Attention, Stand-at-ease, paces forward, rear & sideways II. Saluting at halt, open and close order march III. Stationary turning and dressing in squad IV. Slow March - changing step V. Quick March - changing step VI. Saluting on the march (both quick & slow) VII. Saluting in various situations (with and without Arms) VIII. Turning on march (both quick and slow) IX. Breaking into slow, quick & double march and vice versa X. Forming two ranks / three ranks XI. Forming single file from threes, reforming in threes (at halt and on the move) XII. Changing Direction – Squad XIII. Forming line – Squad XIV. Squad Drill (Instructional Ability) XV. Khuli line & Nikat Line samiksha Karam Mein Chalna			
3 Squad drill with arms. (with instructional ability)		20	12
I. General rules of rifle exercises and fall-in with 7.62mm self-loading rifle in order arm (baazu shastra) and attention, stand at ease and stand easy II. Samtol shastr aur baju shastra III. Baju shastr se bagal shastr aur vapis IV. Baju shastr se salami shastr aur vapis V. Bhumi shastr aur uthaa shastr			
4 Rifle Exercise		6	12

226

5	Cane drill	8	05
6	word drill	10	05
7	Guard duties	8	10
8	Company drill (without instructional ability)	8	12
9	Ceremonial drill	14	12
10	Guard of honor	14	12

Name of Paper	Periods	Marks
Paper III :- Weapon Training and Theory of Small Arms :	94	50
1 Rifle 7.62 MM SLR	08	05
2. Rifle 5.56 Insas	08	05
5 L.M.G 7.62 MM	08	05
6 Insas L.M.G	08	05
8 Rifle AK 47	08	2.5
9 Rifle AK 56	08	2.5
3 Pistol 9 MM	10	05
4 GLOCK Pistol	10	05
7 Carbine Machine 9 MM	07	05
10 G.V.P.S 5.56 MM	05	2.5
11 PPTH	04	2.5
12 12 Bore Pump action gun	10	05

Name of Paper	Periods	Marks
Paper IV :- Police Subjects	50	70
1 Lathi drill (Introduction and attack, Defence drill, attack and defence)	10	14
2 Tear smoke i Introduction, Characteristics, type of munitions and respirator	11	08
3 Riot drill (water cannon, Vajra vehicle, Gas gun, Electric shell non electric Shell, Gas munition. PAG, Helmet camera, Body Warn camera , other new equipment)	21	38
4 Street lining (08 Rounds of PAG and 02 electric and 02 non electric shell will be fire by each trainee)	08	10

Name of Paper	Periods	Marks
Paper V :-Field Craft	38	50
1 Elementary observation	03	02
2 Judging Distance	03	02
3 Description of Targets	02	03
4 Camouflage & Concealment	02	03
5 Field Signals	04	05
6 Section Formation	03	03
7 Fire Control Order & Discipline	03	03
8 Platoon Formation	03	03
9 Patrolling	02	04
10 Raid	02	04
11 Ambush	03	05
12 Cordon & Search	02	05
13 Nakabandi	03	05
14 Hostage and terror Situation	03	03

Name of Paper	Periods	Marks
Paper VI :-Bomb disposal and explosives	20	25
Introduction to Explosives	02	01
Identification of explosives and accessories	01	03
Chain of Detonation (electric and non-electric)	01	02
Introduction to IEDs, switches and Circuits	02	02
Initiating mechanism	01	01
Case study/ latest IED trends in India Lecture/ demo and practice	02	-
Police response to bomb threat call, immediate action drills	02	03
Categorization of IED threat and deployment of RSP(Render Safe Procedures)	02	03
Demonstration of RSP of IEDs of various threat categories	02	02
Electric demolition range	01	-
Introduction to Post blast procedures	01	03
Collection and packing of evidence	02	03
Post blast documentation	01	02

229

Name of Paper	Periods	Marks
Paper VII :-Equestrian skills	31	30
Introduction to Equities, Saddling & Bridling	03	07
Mounting & Dismounting	03	07
Walk, Trot and Canter	10	07
Circling and Figure of 8	07	09
Jumps	08	-

Name of Paper	Periods	Marks
Paper VIII :-Musketry & Firing	60	200
Pistol		
Glock Pistol		
9 MM Carbine		
Insas Rifle		
SLR Rifle		
Insas LMG		
SLR LMG		
AK 47		
Other weapons		
PAG		

Please Refer Annx 1 to 8 for firing practices/Test

Qualifying paper	Periods	Marks
Subjects (Local Examination) :	120	100
Paper IX :-Driving and Motor Mechanism	37	25
Paper X :-Swimming	40	25
Paper XI :-Disaster Response - Fire , flood, Draught Earthquake, NBC, CSSR & Misc	14	25
Paper XII :-Pandemics /Epidemics and First Aid	09	25
Paper XIII :-Anti Terrorism, Anti Naxal and anti Dacoity Operations. Demonstration & minor Operations	20	-
Note :-No examination will be held for the following subjects : a) Anti dacoity ,anti naxal & anti terrorist operations b) Demonstrations, field exercise& minor ops Minor ops will include Tactical Patrolling, Assault & Raid on a house and jungle hideout, riots, fairs & festival,etc)		

230

National Forensic Science University, Gandhi Nagar, Gujrat
1 Week TRAINING PROGRAMME FOR DySPs

Forensic Science		
S. No.	Topic/ Lesson	No. of periods
1	Role of Forensic Science in Investigation of Crime	02
2	Advanced Methods of Crime Investigation	02
3	Investigation of Financial Frauds	02
4	Investigation of White Collar Crimes	02
5	Investigation of Heinous Crime i.e. Murder using Arson & Explosive, Burning (Chemical, Fire)	02
6	Vehicle Identification related to vehicle theft & other crimes	02
7	Accident Analysis i.e. Tyre marks analysis, Fiber, Colour print, cut characteristics of cloths and other things	02
8	Psychological Methods of Interrogation/Investigative Psychology : BEOS	02
9	Psychological Methods of Crime Investigation : Narco, LVA, SBS, Eye Detect	02
10	DNA Fingerprinting and Next Generation DNA Fingerprinting	02
11	Isolation of DNA from mixed stains and various other sources	02
12	Polygraphy & Forensic hypnosis EEG, Voice Spectrography and Narco analysis	02
13	Narcotics Drugs and Psychotropic Substances	02
14	Cyber Crime Investigation Techniques	02
15	Digital Forensics	02
TOTAL		30

Annexure - 1

- 1- Foundational Training at H.C.M. RIPA Total – 15 weeks
- 2- Basic Institutional & Professional Training in RPA (Phase I) including training at Central Academy for Police Training, Bhopal (M.P.) and Bharat Darshan Total – 43+3+1 weeks
- 3- Practical Training in District : Total – 28 weeks
 - A. Attachment to Reserve Police Lines - 2 weeks
 - B. Attachment to Rural Police Station - 4 weeks
 - Attachment with reader to SHO – 2 weeks
 - Attachment with second officer – 2 weeks
 - C. Attachment to Urban Police Station - 4 weeks
 - Attachment with reader to SHO – 2 weeks
 - Attachment with second officer – 2 weeks
 - D. Independent Charge of Rural Police Station - 5 weeks
 - E. Independent Charge of Urban Police Station - 5 weeks
 - F. Attachment with revenue authorities – 1 week
 - Panchayat Samiti – 1 day
 - Nagar Nigam/Nagar Parishad/Nagar Palika – 1 day
 - JDA/UIT – 1 day
 - Collector Office – 2 days
 - G. Attachment with Court – 1 week
 - H. Attachment to C.O. office – 6 weeks
 - Attachment with reader to C.O. - 2 weeks
 - Half Circle - 1 week
 - Other half part of the Circle - 1 week
 - Independent Charge of Circle - 2 weeks
- 4- Attachment to S.P. office, Traffic Branch, MOB, DSB - 1 week
- 5- Commando Training at RPCTS, Jodhpur incl. Border visit - 4 weeks
- 6- Attachment to N.F.S.U., Gandhi Nagar, Gujrat. - 1 week
- 7- Attachment to FSL Jaipur - 1 week
- 8- Advanced Professional Skill Enhancement Course at RPA(Phase II) - 4 weeks

9- Attachment for RAC

10- Attachment to PHQ

11- Confirmation Exams

232
- 1 week

- 1½ weeks

- ½ week

Total – 3 weeks

Note :

1. The training at the Academy will conclude with a passing out parade by the trainees.
2. On the completion of the basic training at R.P.A. trainees would undergo practical training in district for 28 weeks. During attachment to Police Stations, independent charge will be given to trainee and SHO will be sent to another place for that duration. During attachment to C.O. office, independent charge will be given to trainee and C.O. will be sent to another place for that duration.
3. In case of unavailability of schedule in N.F.S.U., Gandhi Nagar, Gujrat, a period of one week shall be added to the training schedule at FSL Jaipur.
4. Trainees will undergo Final phase of training (attachment to RAC and PHQ) for 2½ weeks before the final confirmation test.
5. After phase – II training at RPA, final confirmation test will be conduct by the board constituted by PHQ.

Advanced Professional Skill Enhancement Course at R.P.A. (Phase-II)

Trainees after completion of 28 weeks of practical training in respective districts shall undergo advanced professional skill enhancement course for 4 weeks at R.P.A. There will be intensive training on certain subjects pertaining to Police Practical works.

The training during phase - II at R.P.A. will be imparted as under –

S.No.	Topic	Periods
1	Supervision by Circle Officers & Control of crime	34
2	Investigation of crime against women	34
3	Communication skill & report writing, social media, media management.	17
4	Law and order management	47
	Total	132

The Scheme of Examination

Mid-term Examination:

During institutional training at R.P.A., there will be a mid-term examination for both Indoor and Outdoor subjects. This examination will be held on completion of four months of training. The mid-term examination will be conducted by a board appointed by the Director, R.P.A. in both Indoor and Outdoor subjects. Marks obtained in this examination will carry 30% weightage in compilation of final result of the training. (Previously the mid-term examination carried 20% weightage.)

Final Examination :

A board comprising of one ADGP as Chairman, two Dy.IGP as member and Dy. Director, R.P.A. as member Secretary, appointed by the D.G.P., Rajasthan will conduct the final examinations before conclusion of training at R.P.A. for Indoor paper I to XII and Outdoor subjects I to VIII. As indicated above the board will award marks out of remaining 70% marks in this examination. While compiling the results, the score from 30% marks will be added based on the probationer's performance in mid-term examination. Director's assessment shall carry 100 marks.

Examination Result :

Passing marks in each subject will be 45% and total aggregate for passing the exam, including the director's assessment will be 50%. For qualifying subjects the pass marks will be 40% in each subject. There will be no grace marks. Trainees who fail up to two subjects in the final examination will be given one chance to reappear in those papers in a specially conducted re-examination but those who fail in more than 2 subjects will be called for a special training course at RPA for 3 months. The case of confirmation of such officers shall be moved to the government accordingly. If the officer fails in the re-examination also after the special training course, his case will be referred to the government for necessary decision.

Confirmation :

The confirmation test will be held after the Advance Skill Enhancement Course (Phase II) at RPA. The trainees shall be examined in two papers of 50 marks each. The first paper will be of assessment of field training record and the second paper will be of viva – voce about field training and topics covered in the II nd Phase of training at RPA. This exam shall be qualifying in nature.