PATNA UNIVERSITY, PATNA

QUOTATION DOCUMENT FOR
SUPPLY OF LAB EQUIPMENT FOR DEPARTMENT OF ZOOLOGY, PATNA UNIVERSITY, PATNA

(JUNE 2026)

(Please sign on each page)

GENERAL TERMS AND CONDITIONS

1) APPLY PROCEDURE

a) Quotation document should be placed in a properly sealed envelope addressed to "The University Engineer, Patna University, Patna - 800 005" with heading NIQ No.: …./2026-27 dated …/…/2026 for Sr. No. ……, Name of Work: ……..

b) Cost of quotation paper (Nun refundable) to be deposited through D.D in favor of "University Engineer, Patna University, Patna".

2) QUOTATION VALIDITY

Quotation shall remain open for acceptance for a period of 180 days from the date of opening of Quotation. Quotations received for shorter validity will be rejected.

3) QUOTATIONER'S ELIGIBILITY AND QUALIFICATIONS FOR TECHNICAL BID

The Quotationer shall furnish as a part of the Quotation document, following documents establishing their eligibility to participate in the Quotation and qualification to perform the contract.

a) The bidder shall submit full details of his Agency / Firm or, if the bidder is a Proprietorship/Partnership or a Private Limited Company, full details of ownership and name of the directors.

b) Copy of PAN card issued by the Income Tax Department and Copy of the Income Tax Return for the financial year 2022-23, 2023-24, 2024-25. Copy of GST.

c) The quotationer/bidders must have 20 Lakh turn over or received Purchase Order/Work Order payment in previous three financial years and current financial year up to the date of submission of Technical Bid.

The tenderers/bidders shall submit certificate to this effect which may be issued by the concerned client or audited balance sheet clearly showing the amount of contractual receipts and certified by a Chartered Accountant.

d) Experience in Similar supply experience amount involve upto 50% of Bid Value during last five years.

e) The Bidder, to qualify for the award of contract, shall submit a written power of attorney authorizing the signatories of the Quotation document to participate in the quotation.

f) The Bidder submit a written acceptance of technical specification full fill compliance letter on letterhead.

4) EARNEST MONEY DEPOSIT

The final amount of EMD will be applicable as mentioned in quotation document is to be deposited in the shape of D.D./ Banker's cheque/TD pleased in favour of "University Engineer, Patna University, Patna" which is refundable after completion of work.

5) Patna University shall not be responsible for non-receipt of bid due to internet issues or any other reasons whatsoever.

6) The Bidder should inspect the site before participating in this e-quotation to get fully acquainted with the scope of work as no claim whatsoever will be entertained for any alleged ignorance thereof.

7) The bidder is expected to examine all Instructions, Forms, Terms and Conditions in the Bid document. Failure to furnish all information required by the quotation document or submission of a quotation document not substantially responsive to the quotation document will be at the bidder's risk and may result in rejection of his quotation document.

8) The bidder shall be solely liable to bear all costs and expenses associated with preparation and submission of this quotation. Patna University will in no case be responsible for payment of any costs associated with the preparation or submission of this quotation irrespective of the outcome of the bidding process as also in case entire bidding process or part thereof is nullified/cancelled due to any reason whatsoever.

9) No quotation can be modified and withdrawn after the deadline for submission of quotation.

10) The quotation document shall be evaluated by a committee constituted for this purpose by the Patna University.

11) Any clarification related to bid document may be obtained from University Engineer, Patna University, Patna on Mobile No. +919431012707 between 2- 5 PM, OR Email: puer@patnauniversity.ac.in

12) REJECTION OF QUOTATION: Any quotation will be outright rejected on the ground

(a) if bid is not accompanied by requisite cost of quotation paper and EMD .

(b) If required eligible criteria supporting documents in Technical Sheet are not submitted.

13) TIE BREAKING CLAUSE: In case two or more bidders quote same rate then the successful bidder will be decided through lottery system as per rule.

14) PRICE SCHEDULE AND PAYMENT TERMS: -

a) Quotationers should quote rate of all equipment as per Financial Sheet. Patna University, Patna is not bound to accept the lowest bid or any Quotation and also reserves the right of rejecting all or any of the quotation without assigning any reason. As per Bihar Financial Rules, supply order will be given after negotiating rates with the lowest rate offering agency(L1).

b) Payment: 100% against supply of equipment.

c) All payments will be made in Indian rupees only and statuary deduction as per applicable rule i.e. IT@2%, GST@2%, Security Deposit 8% (which will be refundable after expiry of warranty period or one year after supply and installation of equipment whichever is earlier) of gross amount of bill.

d) Bill in triplicate (pre-receipted) for the equipment supplied will be submitted by the Quotationer in the name of Registrar, Patna University, Patna for payment. The payment will be released only after the entire supply has been received to the satisfaction of the Registrar or authorized Committee.

15) TERMS OF DELIVERY:-

Free of cost delivery at Central Store, Patna University, Patna or Department/Institutions or directed by Registrar, Patna University, Patna

16) DELIVERY PERIOD:-

The equipment available in India will be supplied as per scheduled period.

23) PENALTY CLAUSE:-

(a) **For delays**-if the supplier fails to supply as per purchase order within the time period specified in the contract, the purchaser shall deduct from contract price a sum equivalent to 0.5 percent of the price of delayed items for each week of delay or part thereof until actual delivery up to a maximum of 10 (ten) percent. Once the maximum reached, the purchaser may consider termination of the contract.

(b) **Termination for default**: - The purchaser may without prejudice to any other remedy or breach of contract, by written notice of default sent to the supplier, terminate the contract in whole or part if the

supplier fails to deliver any or all publications ordered to him within the time period specified in the contract, or if the supplier fails to perform other obligation(s) under the contract. In the event of the termination of the contract by University Engineer, Patna University, Patna in whole or in part, the University may procure, upon such terms and in such manner as it deems appropriate the undelivered equipment the supplier shall be liable to pay for any excess costs for such purchases. However, the supplier shall continue performance of the contract to the extent not terminated.

(c) **Force majeure** - The supplier shall not be liable for (a) and (b) above, if its delay in performance or other failure to perform its obligations under the contract is the result of an event of force majeure(means an event beyond the control of the supplier and not involving the supplier's fault or negligence and not foreseeable). Such events may include, but are not restricted to, acts of the purchaser either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargo. The supplier shall promptly notify the purchaser in writing of such conditions and the causes thereof.

24) INSPECTION

Supplied equipment will be accepted only after the inspection by the competent authority or any officer authorized by competent authority Quotationers are required to comply with the above requirements and submit their Quotation complete in all respects and submit following documents along with the Quotation by the due date and time on Quotation.

25) No Quotation may be withdrawn in the interval between the deadline for submission of Quotations and the expiry of the period of Quotation validity. Withdrawal of a Quotation during the interval may result in the Quotationer's forfeiture of its Earnest Money Deposit.

26) The successful Quotationer shall not in any case sublet the contract in full or any part of it to third party

27) The University Engineer, Patna University, Patna reserves the right to accept or reject any Quotation and to the annul Quotationing process and reject any or all Quotations at any time prior to award of the contract, without thereby incurring any liability to the affected Quotationers or Quotationers or any obligations to inform the affected Quotationers or Quotationers of the grounds for the purchaser's action.

28) RESOLUTION OF DISPUTES

In case of a dispute or difference arising between supplier and purchaser relating to any matter arising out of or connected with the contract, such dispute or difference shall be referred to the Sole Arbitrator duly appointed by the Vice Chancellor, Patna University, Patna. The award of the arbitrator shall be final and binding to the parties concerned.

Technical Sheet

Sr. No. 1 Supply of Lab Equipment for Department of Zoology, Patna University, Patna

Cost of quotation document			Required Earnest Money		
DD/Banker's Check No.	Date	Amount	Ref. No.	Date	Amount
		₹			₹

Bid should indicate following information along with the self-attested photocopies of supporting documents:

1. THE FIRM
   a) Name _____ (Power of attorney attached pg no. ……..)

   b) Registration No of firm. _____ (Attached pg no……)

   c) Address of Office at Patna _____

   d) Contact Person's

      i) Name & Design. _____

      ii) Address _____

      iii) Tel No. Landline _____ Mobile _____

      iv) Email ID _____

      v) Type of Firm : Proprietorship/ Private Ltd./Public Ltd./ Cooperative/ NGO/PSU (Please tick and enclose copy of Memorandum/ Articles of Association/ Certificate of Incorporation)
      _____ enclosed. (Pl. specify) Pg No. ……)

2. (i) PAN : _____ enclosed. (Pl. specify) (Attached pg no……)

   (ii) GST :_____ enclosed. (Pl. specify) (Attached pg no……)

   (iii) 3 years return file: FY 2022-23 Gross Value _____ Tax Deducted _____.
   FY 2023-24 Gross Value _____ Tax Deducted _____.
   FY 2024-25 Gross Value _____ Tax Deducted _____.
   (attached page no. ……)

3. Turn Over as mentioned: FY 2022-23 Turn Over: ₹ _____.
   FY 2023-24 Turn Over ₹ _____.
   FY 2024-25 Turn Over ₹ _____.
   (attached page no. ……)

4. Experience certificate of similar work: Value: ₹_____ completion of year: _____.
   Name of Govt. Org./University: _____. (Attached pg. no……..)

5. Powe of Attorney authorizing the Signatories of the Quotation: _____.
   (Attached pg. no……..)

6. Technical Specification acceptance compliance letter : _____.
   (Attached pg. no……..)

Signatures of authorized person
Name_____
Designation_____
Seal:
Date:

(Please sign on each page)

FINANCIAL SHEET

SR. NO.1: Supply of Lab Equipment for Department of Zoology, Patna University, Patna

	Name of agency:				
	Address:				
Sl. No.	Name of item	Quantity	Rate	Unit	Amount
1	Pipettes of variable volume (set of 04)	2		Sets	
2	Centrifuge	1		Each	
3	Digital Balance (normal)	1		Each	
4	Digital pH meter	1		Each	
5	Double door freeze (-20ºC and 4ºC)-340 liters	1		Each	
6	Neubauer chamber slide and haemocytometer	10		Each	
7	Sphygmomanometer	2		Each	
8	Spectrophotometer UV-Vis	1		Each	
9	Permanent stained slides for microscopy	338		Each	
Bid Amount in figure ₹					
In word: Rupees					
Note:					
1. Rate quoted in Indian Rupees inclusive GST.					
2. The quantity of the above equipment may in increase or decrease as a time of issue of supply order.					
Instruction: Bidder should quote the rate in given Financial Sheet and upload the sheet in price break-up section of BOQ Tab and also quote Gross Total in rate section of BOQ Tab					

Signatures of authorized person
Name_____
Designation_____
Seal:
Date:

(Please sign on each page)

TECHNICAL SPECIFICATION
Sr. No.1: Supply of Lab Equipment for Department of Zoology

Item number 1: Pipettes of variable volume (four pipettes)

Pipette No 1- Variable Volume Single channel pipette, 0.1-3 µL (microliter)

- Pipette should be able to pipet out variable volume of 0.1 – 3 µL (microliter) and not any single/ fixed volume in this range.
- It should have a single-channel for pipetting
- Manual volume control should be present
- Secondary calibration option for pipetting a measured volume of aqueous or viscous liquid
- It should have a magnified shape at the volume dispensing display for better visibility
- The plunger of the pipette should require low operating force to aspirate and dispense liquid, reducing user fatigue and thumb muscle activity
- Robust tip cone for ease of connecting and ejecting pipette tips
- Fully autoclavable for decontamination and sterilization

Pipette No 2- Variable Volume Single channel pipette, 2– 20 µL (microliter)

- Pipette should be able to pipet out variable volume of 2– 20 µL (microliter) and not any single/ fixed volume in this range
- It should have a single-channel for pipetting
- Manual volume control should be present
- Secondary calibration option for pipetting a measured volume of aqueous or viscous liquid
- It should have a magnified shape at the volume dispensing display for better visibility
- The plunger of the pipette should require low operating force to aspirate and dispense liquid, reducing user fatigue and thumb muscle activity
- Robust tip cone for ease of connecting and ejecting pipette tips
- Fully autoclavable for decontamination and sterilization

Pipette No 3- Variable Volume Single channel pipette, 50 – 200 µL (microliter)

- Pipette should be able to pipet out variable volume of 50 – 200 µL (microliter) and not any single/ fixed volume in this range
- It should have a single-channel for pipetting
- Manual volume control should be present
- Secondary calibration option for pipetting a measured volume of aqueous or viscous liquid
- It should have a magnified shape at the volume dispensing display for better visibility
- The plunger of the pipette should require low operating force to aspirate and dispense liquid, reducing user fatigue and thumb muscle activity
- Robust tip cone for ease of connecting and ejecting pipette tips
- Fully autoclavable for decontamination and sterilization

Pipette No 4- Variable Volume Single channel pipette, 100 – 1000 µL (microliter)

- Pipette should be able to pipet out variable volume of 100 – 1000 µL (microliter) and not any single/ fixed volume in this range
- It should have a single-channel for pipetting
- Manual volume control should be present
- Secondary calibration option for pipetting a measured volume of aqueous or viscous liquid
- It should have a magnified shape at the volume dispensing display for better visibility
- The plunger of the pipette should require low operating force to aspirate and dispense liquid, reducing user fatigue and thumb muscle activity
- Robust tip cone for ease of connecting and ejecting pipette tips
- Fully autoclavable for decontamination and sterilization

item number 2: Centrifuge

- Quite and reliable, Small footprint
- Built in power supply, Digital display of timer and RPM
- Standard 16 place rotor for 1.5/2ml eppendrof tubes
- RCF of 2 ml tube rotor Should be above 20000g force
- RPM to RCF conversion: yes, Display: LCD display
- Imbalance detection: Imbalance detection with auto cut- off Noise Level<60dB
- Timer setting: 1 to 999mins
- Speed / Time setting: 500 to 15000 RPM/ Min

item number 3: Digital Balance (normal)

- Weighing Capacity max 1000 gm, Readability 10mg
- ISO 9001:2008 CERTIFIED, Fully Automatic Internal Calibration.
- Dye cast aluminium design for long term stability and accurate results

item number 4: Digital pH meter

- Range: 0 to 14.00 pH, pH Resolution: 0.1 pH / 0.01
- pH Accuracy: ± 0.01, pH Calibration Points: up to 3 points
- pH Buffer options: pH 4.01, 7.00, 10.01
- mV Range: +1999, mV Accuracy: ± 1 % FS + 1 digit
- Resolution: 1mV, Temperature Range: 0 to 100°C,
- Accuracy: ± 0.5°C, Resolution: 0.1°C
- Temperature Compensation: 0~100°C, Manual, Display: LCD
- Power Requirements: DC9V, using AC adapters, AC 220V / 50Hz

item number 5: Double door freeze (-20ºC and 4ºC)

- Minimum Gross storage Capacity 340 ltrs
- Model Type Double door, Temperature capacity of freeze: -20ºC and 4ºC
- Voltage Range at 40 degree centigrade Capable of working on 220 volts + 12 % A.C 50 Hz
- Power Source AC , 220 Volts to , 50 Hz
- Method of Defrosting Frost Free
- Insulation Puff / Maxi 2 / Polyurethane
- Refrigerant Gas CFC free, Compressor Power saver compressor
- Accessories Required Adjustable shelves ,chiller Tray , Temperature controller, Auto lamp On/off feature , should be supplied with all standard accessories as per manufacturer catalog for the model supplied
- Warranty with 3 year Comprehensive Warranty
- Stabilizer Should be supplied with 0.5 KVA capacities CVT without any extra cost.
- The CVT will also carry 3 years warranty.

item number 6: Neubauer chamber slide and haemocytometer

- Neubauer chamber should be made from a thick crystal slide with the size of a glass slide (30 x 70 mm and 4 mm thickness).
- The simple counting chamber should have the central area is where the cell counts will be performed. The chamber should have three parts: (1) the central part, where the counting grid has been set on the glass, and (2) double chambers/two counting areas that can be loaded independently.
- Dimension: Neubauer chamber's counting grid is 3 mm x 3 mm in size. The grid has 9 square subdivisions of width 1mm.
- It should have appropriate glass cover is a squared glass of width 22 mm which should cover the top of the Neubauer chamber including the central area.
- The chamber should have a grooves, so that the distance between the bottom of the chamber and the cover is 0.1 mm.
- The appropriate haemocytometer pipette should also be provided.
-

Item number 7: Sphygmomanometer

- should have ISI mark
- should have a measuring range from 0 to 300 hg
- should be provided with adult arm cuffs of size medium and large and paediatric cuff
- the dial manometer markings and graduations should be permanent and clearly visible and filled with pigments, with minimum diameter of 160 mm
- body & bezel – aluminium die casted (powder coated), screw top bezel
- sending-corruagated phosphorous bronze twin capsule bellow
- movement mechanism – brass
- connection: brass, nickel plated for 3-4 mm rubber hose, dial-aluminium
- pointer-white coated, thin & sharp made of phosphorous bronze
- window lenses- clear plastic
- all plastic parts, if any used, should not crack, flake, peel or disintegrate during normal use
- the inflating rubber bag should be capable of withstanding internal pressure of 450mmhg without leaking
- the inflating bulb should be soft and should not have any joints or ridges
- the fastening arrangements of the cuff should be of hook and loop type
- the threading and fastening arrangement of the cuff should show no sign of slip or failure when subjected to the maximum test conditions
- the rubber tubes used should have an internal diameter of 3±0.5mm and the external diameter should not be less than 8mm
- should provide a carry bag to keep the whole system safe and sound.

item number 8: Spectrophotometer UV-Vis

- Optical System: Single beam, Grating-1200 lines/mm
- Wavelength Range: 190-1000nm, Bandwidth: 2nm
- Wavelength Accuracy: ±1nm, Wavelength Repeatability: ±0.5nm
- Wavelength Setting: Auto
- Photometric Accuracy: ±0.5%T, Photometric Repeatability: ±0.3%T
- Photometric Range: -0.3-3A,0-200%T
- Stray Light: ≤0.3%T, Stability: ± 0.002A/h @ 500nm
- Display: LCD, Detector: Silicon Photodiode
- Standard Cell Holder: 4-position 10mm cell holder
- Light Source: D2 lamp & Tungsten Halogen Lamp (W Lamp)
- Output: USB Port & Parallel Port (Printer)
- Power Supply: AC 220V/50Hz
- Standard accessories should also be provided

item number 9: Permanent stained slides for microscopy

- Suitable for light microscopy
- Should be permanent stained prepared microscope slides
- Slides should be properly stained and can be seen under different magnifications.
- Slides should be made from high-quality optical glass and adopt the standard size of lab slides of 75mm*25mm*1mm
- All slides are carefully labelled for easy reference

The lists of slides are mentioned below. We require each slide in 2 copies. Therefore, total number of required slides: 169x2=338. The list is as follows-

Sl. No.	Details of slide	Quantity
1	W.M of Cycloid scale	2
2	W.M of Ctenoid scale	2
3	W.M of Placoid scale	2
4	T.S of oesophagus of teleost	2
5	T.S of stomach of teleost	2
6	T.S of intestine of teleost	2
7	T.S of Liver of teleost	2

8	T.S of Pancreas of teleost	2
9	T.S of Testis of teleost	2
10	T.S of Ovary of teleost	2
11	T.S of Kidney of teleost	2
12	T.S of Spleen of teleost	2
13	V.S of Pituitary gland of teleost	2
14	T.S of thyroid gland of teleost	2
15	V.S of skin of shark	2
16	V.S of Adrenal gland of teleost	2
17	V.S of Skin of Elasmobranch	2
18	T.S of Gill of teleost	2
19	V.S of gill of teleost	2
20	L.S of heart of teleost	2
21	V.S of Brain of teleost	2
22	T.S of gall bladder of teleost	2
23	T.S of air bladder of teleost	2
24	T.S of body wall passing through trunk region of teleost	2
25	T.S of body wall passing through caudal region of teleost	2
26	W.M of Dactylogyrus parasite in teleost	2
27	W.M. of Gyrodactylus	2
28	W.M. of Displostomium	2
29	W.M. of Argulus	2
30	W.M. lynocestus	2
31	W.M. of sanguinicola	2
32	W.M. of Ampulla of lorenzini	2
33	Mitosis-Interphase	2
34	Mitosis-Prophase	2
35	Mitosis-Early metaphase	2
36	Mitosis- Late Metaphase	2
37	Mitosis-Anaphase	2
38	Mitosis-Telophase	2
39	Prophase I (Meiosis) Leptotene	2
40	Prophase I (Meiosis) Zygotene	2
41	Prophase I (Meiosis) Pachytene	2
42	Prophase I (Meiosis) Deplotene	2
43	Prophase I (Meiosis) Diakinesis’	2
44	Meiosis Metaphase I	2
45	Meiosis Anaphase I	2
46	Meiosis Telophase I	2
47	Meiosis Metaphase II	2
48	Meiosis Anaphase II	2
49	Meiosis Telophase II	2
50	T.S of testis of mammal (Rat)	2
51	T.S of ovary of mammal (Rat)	2
52	T.S of sex chromatin/ Barr bodies of Mammal (Rat)	2
53	Mouse sperm WM. (spermatogemic cells)	2
54	Permanent histochemical stained Slide for PMG (DNA) of any mammalian tissue	2

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55	Permanent histochemical stained Slide for Sudan Black B (lipid) of any mammalian tissue	2
56	Permanent histochemical stained Slide for Alcian Blue (Acid mucopolysaccharide) of any mammalian tissue	2
57	Permanent histochemical stained Slide for Mercury Bromophenol Blue (Protein) of any mammalian tissue	2
58	Head Louse (w.m)	2
59	Culex Larva (w.m)	2
60	Culex pupa (w.m)	2
61	Piercing and Sucking type mouth part wm	2
62	Biting & Chewing type Housefly mouth parts (w.m)	2
63	Salivary gland of cockroach Wing	2
64	Filiform Antenna –	2
65	Plumose Antenna –	2
66	Clavate type Antenna –	2
67	Serrate type Antenna –	2
68	Moniliform type Antenna	2
69	Midleg of Apis (Honey bee)	2
70	Hindleg of honey bee	2
71	Foreleg of honey bee	2
72	Cockroach Gizzard	2
73	Poison apparatus	2
74	External genitalia	2
75	Spiracles	2
76	Gills of aquatic insect	2
77	Polytene chromosome of drosophila	2
78	T.S of testis of grasshopper	2
79	Permanent slide of Human blood film	2
80	Plasmodium vivax life cycle stages	2
81	Leishmania donovani life cycle stages	2
82	Balantidium coli WM	2
83	Paramecium WM	2
84	Paramecium conjugation WM	2
85	Trypanosoma WM	2
86	T.S of body wall of Sycon	2
87	Specules of sycon WM	2
88	Gemmules of sycon WM	2
89	Ephyara larva wm	2
90	T.S body wall of hydra	2
91	LS body wall of hydra	2
92	T.S of hydra passing through testis	2
93	T.S of hydra passing through ovary	2
94	Obelia colony WM	2
95	Medusa of obelia	2
96	T.S of body Wall of Ascarias	2
97	T.S of body wall male Ascarias	2
98	Miracidium WM	2
99	Redia WM	2
100	Sporocyst WM	2
101	Cerceria WM	2

102	Metacercaria WM	2
103	Cysticercus WM	2
104	T.S of earth worm passing through gizzard	2
105	T.S of earth worm passing through seminal vesicle	2
106	T.S of earth worm passing through testis sac/ spermatheca	2
107	T.S of earth through clitellar region	2
108	T.S of earth worm passing through typhlosolar region	2
109	T.S body wall of nereis	2
110	Trochophore larva WM	2
111	Anopheles Larvae WM	2
112	Culex larva WM	2
113	Head and mouth parts of male Anopheles	2
114	Head and mouth parts of female Anopheles	2
115	Head and mouth parts of male culex	2
116	Head and mouth parts of female culex	2
117	Stratocyst of prawn WM	2
118	Naupluis larva WM	2
119	Zoaea larva WM	2
120	Megalope larva WM	2
121	Mysis larva WM	2
122	Cyclops WM	2
123	Daphnia WM	2
124	Cypris WM	2
125	Ospharadium of Pila WM	2
126	Bipenanie larva WM	2
127	Brachiolaria larva WM	2
128	Echinopluteus larva WM	2
129	Ophiopluteus larva WM	2
130	Auricularia larva WM	2
131	Doliolaria larva WM	2
132	Frog unstriped muscles	2
133	Frog striped muscles	2
134	Tadpole larva of Herdmania	2
135	V.S skin of frog	2
136	T.S passing through stomach of frog	2
137	T.S passing through duodenum of frog	2
138	T.S passing through small intestine of frog	2
139	T.S passing through liver intestine of frog	2
140	T.S passing through pancrease of frog	2
141	T.S passing through kidney of frog	2
142	T.S passing through testis of frog	2
143	T.S passing through ovary of frog	2
144	VS skin of bird VS Skin of mammals	2
145	T.S of liver mammal	2
146	T.S of pancreas mammal	2
147	T.S of spleen mammal	2
148	T.S of thyroid gland mammal	2
149	T.S of Adrenal gland mammal	2
150	T.S of parathyroid gland mammal	2

151	T.S passing through lung mammal	2
152	T.S of kidney mammal	2
153	T.S of testis of mammal	2
154	T.S of ovary of mammal	2
155	T.S passing through bone Frog	2
156	V.S. passing through early blastula Frog	2
157	V.S. passing through early gastrula Frog	2
158	V.S. passing through late gastrula	2
159	Unfertilized egg of frog	2
160	Chick embryo (wm) – 24 h	2
161	Chick embryo (wm) – 33 h	2
162	Chick embryo (wm) – 36 h	2
163	Chick embryo (wm) – 48 h	2
164	Chick embryo (wm) – 72 h	2
165	Chick embryo (wm) – 96 h	2
166	Frog T.S. early neurula stage	2
167	Frog- morula stage (wm)	2
168	Frog – mid neurula stage TS (Neural fold stage)	2
169	Frog-late (neurula tube stage) neural T.S.	2

(Please sign on each page)