

31. Syllabus for imparting instructions in driving of motor vehicles.—(1) The syllabus for imparting instructions in driving of motor vehicles of the schools or establishments shall be as follows (see tables below):—

A. DRIVING THEORY—I		
1	Know your vehicle:	Simple introduction to automobile engines and their working
2	Vehicle control	
	Foot controls	Foot brake, accelerator, clutch-dipper (not in present models).
	Hand controls	Steering wheel, hand brake, horn, light, wipers, ignition, switch, starter, dipper and indicators.
	Other controls	Rear-view mirror (right and left side), instrument cluster, gauges, dials, windscreen—their purpose
3	Pre-driving checks	Before sitting on driver's seat and After sitting on driver's seat.
4	Beginning to drive	Precautions just before moving, While moving Biting point, Moving, Steering control, Changing of gear, Stopping, Braking, Accelerator (gradual, sudden) Traffic sense, road sense, judgment, parking and positioning according to road users, Reversing.
5	Driving on the road	Anticipation, judgment and road positioning according to other road users.
6	Driving at inter-sections	Mirror Signal and Maneuver (MSM) and Position Speed and Look (PSL). Zone of vision:
7	Maneuvers	Merging and diverging maneuvers—turning maneuvers to left, right, about, 3-point turn, 5-point turn and U-turn, overtaking stationary vehicle, moving vehicle in left side and right side.
8	Reversing	Locating reverse gear in sitting position, speed control, steering in reverse gear, weaving the 'S' bend and common errors.
9	Parking	Parallel, angular, perpendicular, parking facing uphill, parking facing downhill, common errors.
10	Driver's responsibility on the road	Driving behavior, consideration for other road users, courtesy and cooperativeness, over-confidence, impatience and defensive driving Distance between cars while driving at Railway crossing
11	Priority for certain vehicles	Emergency vehicles Fire engines, and Ambulance.
B. TRAFFIC EDUCATION—I		
1	Driving regulations	Road use regulations made under section 118 of the Motor Vehicles Act, 1988
2	Hand signals	
3	Traffic signs	Schedule of Motor Vehicles Act, 1988

4	Hand signals of Traffic constables/Traffic warden.	
5	Introduction to automatic light signals.	
6	Introduction to road markings.	
7	Speed regulations on highways and city roads.	
8	Parking at objectionable places.	
9	Some important provisions of the Motor Vehicles Act, 1988—Sections 122, 123, 125, 126 and 128 of the Motor Vehicles Act, 1988.	Sub-rule (3) of Rule 15 of the Central Motor Vehicles Rules, 1989
10	Test of competence to drive	
C. LIGHT VEHICLES DRIVING PRACTICE		
1	Identification of various parts of the vehicles.	
2	Pre-driving checks	(i) Before seating on Driver's seat, and (ii) After seating on Driver's seat
3	Steering practice	—Push and pull method
4	Bitting point	
5	Moving and gear changing	
6	Stopping:	—Normal stopping —Emergency stopping.
7	Developing judgment and anticipation to drive on road.	
8	Reversing	—In straight —in S bends.
9	Turning about and parking.	
10	Licensing.	
D. VEHICLE MECHANISM AND REPAIRS		
1	Layout of vehicle	
2	Function of diesel and petrol engines	
3	Fuel system	Fuel lines —Fuel injection pump —Automiser —Airlock —Oil block.
4	Cooling system	—Purpose —Radiator —Water pump—Fan leaf/fan belt —Radiator water boiling—Rectification.
5	Lubrication system	—Purpose

		<ul style="list-style-type: none"> —Engine lubrication —Chassis lubrication —Oil grade numbers unitwise.\
6	Transmission system	(a) Clutch <ul style="list-style-type: none"> - Function - Slip - Rising - Linkages (b) Gearbox: <ul style="list-style-type: none"> —Function —Purpose —Parts (c) Propeller shaft: <ul style="list-style-type: none"> —Function / purpose —Yoke joint —C.J. bearing slip —"U" joint —Lubrication (d) Differential: <ul style="list-style-type: none"> —Purpose —Function/Noise.
7	Suspension system	<ul style="list-style-type: none"> —Purpose —Springs —Shackle, shackle pin bushes —Shock absorber and its bushes.
8	Steering system	<ul style="list-style-type: none"> -Purpose —Steering geometry —Steering linkages —Steering box
9	Brake system	<ul style="list-style-type: none"> —Purpose —Hydraulic brake and its know-how —Air assisted hydraulic brake and its know-how —Air brake and its know-how —Brake adjustment of the entire system.
10	Electrical system	<ul style="list-style-type: none"> —Battery and its condition —Dynamo/Alternator —Self motor—Starter motor regulators —Lights—Knowledge to read the charging rate in the Ampere meter.
11	Tyres	<ul style="list-style-type: none"> —Study of tyres —Maintenance —Effect of defective tyres and wheel alignment
12	Instruments cluster, dash board meters and their purposes and functions	

**E. MEDIUM AND HEAVY VEHICLE
DRIVING: DRIVING THEORY—II**

1.	Qualities of a good driver	—Patience, responsibility, self-confidence, anticipation, concentration, courtesy, defensive driving, knowledge of road rules/ regulations, knowledge of vehicle controls, maintenance and simple mechanism.
2.	Knowledge of vehicle controls	—Major controls —Minor controls.
3.	Response to controls	—Accelerator —Brake—Gradual /Sudden /Sudden tierce —Clutch —Steering.
4.	Pre-driving checks	(i) before sitting on driver's seat, and (ii) after sitting on driver's seat.
5.	Holding steering wheel	—Push and pull method practice —on the move —while gear changing —while turning —while sounding horn —while operating dash board switches —while signalling —on emergency.
6.	Gear changing	—Double de-clutching, importance and procedure single clutching —Gear up procedure, shifting to lower gears —Gear down procedure, shifting to higher gears
7.	Beginning to drive	—I gear —II gear —III —IV gear —V gear - Reverse gear - Over drive/optional.
8.	M.S.M. and P.S.L.Routines,	
9.	Manoeuvres	—Passing —Merging —Diverging —Overtaking —Crossing —Turning —Cornering —Reversing —Parking.
10.	Stopping	—Normal stopping —Emergency stopping —Use of engine brake/ exhaust brake.

11.	Stopping distance	—Reaction distance —Braking distance
12.	Following distance	—Meaning —Distance method —Car length method —2seconds time rule method.
13.	Identification, prediction, decision and execution (IPDE) principle	
14.	Defensive Driving techniques	Judgment Anticipation Escape route.
15.	Night driving	Location of head light switch Procedure Obligation to light the lamps, restriction on lighting the lamps.
16.	Hill driving	Starling in hill using the parking brake method Slipping the clutch method Driving uphill Driving downhill.
17.	Emergency manoeuvres	Prevention is better than cure in case of skidding, horn stuck Fire, wheels coming out Brake failure Broken stub axle Burst of front tyre Steering wobbling Snapping of steering linkages Jamming of accelerator pedal Snapping of clutch rod Under special circumstances like chances of collision with a disabled vehicle. Brake failure during downhill Sudden obstruction in front of the vehicle
18.	Driving under special conditions In wet weather Towing (trailer driving)	In wet weather, In dawn, dusk and misty roads In dense traffic.
19.	Fuel saving methods	Procedure On tow board Speed of towing Reversing and positioning the vehicle with trailers.
20.	Reports—discussions	

F. TRAFFIC EDUCATION—II

1.	Know your road	Functional classification Design speeds Road geometrics Surface types and characteristics Slopes and elevation
2	Sight distance	At bends At intersections
3	Road junctions	Principles and types T junctions Y junctions 4-arm junctions Staggered junctions Controller junctions Uncontrolled junctions
4	Traffic islands	Types of roundabouts Channelisers, median
5	Bye-pass, subway, over-bridge and fly-overs	Purpose Driving procedures
6	Bus stop, bus terminus, bus stand	Ingress Egress Method
7	Road markings	White line continuous and broken Yellow line Lane marking Zebra crossing Stop line Parking markings Sense of road signals
8	Lane selection and lane discipline	
9	Automatic light signals	
10	Road user characteristics	Pedestrian, drunkards, children and blind, deaf and dumb Youth, aged women with children Slow-moving vehicles Mopeds and motor cycles Autos, tempos, vans Buses and trucks VIP, ambulance, fire engine Animals
11	Accidents	Types of accidents Causes of accidents Preventive methods Driver's duties and responsibilities on the occurrence of accidents

12	Important provisions in Motor Vehicles Act, 1988 (59 of 1988), Central Motor Vehicles Rules, 1989, and the State Motor Vehicles Rules	<p>Certain definitions</p> <p>Driving licence and its renewal</p> <p>Carrying driving licence, certificates of registration, fitness and insurance, permit taxation card or tax token and production of such document on demand by checking officers</p> <p>Traffic offences and penalties stipulated under the Act and Rules</p> <p>Relevant Extracts of Petroleum Act, 1934</p> <p>City Police Act</p> <p>Indian Penal Code, 1860</p>
G. PUBLIC RELATIONS FOR DRIVERS		
Some basic aspects about ethical and courteous behaviour with other road users		
H. HEAVY VEHICLE DRIVING PRACTICE		
1	Introduction of various instruments	Dial gauges and controls.
2	Pre-driving checks	h) Before sitting on driver's seat, and After sitting on driver's seat.
3	Beginning to drive	Bitting point, moving,changing gear including double de-clutch steering, stopping, hand signals.
4	Rural road driving	Application of IBDE—principle.
5	Development of judgment:	Passing, overtaking, merging, diverging, M.S.M. and P.S.L. routine method of practice, defensive driving technique, proper following.
6	Development of anticipation:	Turning, meeting, entering and emerging in junctions, lane selection and lane discipline, intersection, observation.
7	Developing skill to drive in crowded streets.	
8	Nigh l driving.	
9	Cross country practice and hill driving.	
10	Internal-trade test.	
11	Reversing and parking practice.	
12	Licensing.	

I. FIRE HAZARDS

Fire-fighting and prevention methods on vehicle.

J. VEHICLE MAINTENANCE

1. Factors affecting the vehicle parts due to bad and negligent driving.
2. General day-to-day maintenance and periodical maintenance.
3. Battery maintenance.
4. Tyre maintenance and tube vulcanizing.
5. Engine tune up.
6. Checking wheel alignment.
7. Brake adjustment.
8. Accelerator, brake, clutch-pedal adjustment.
9. Fan belt adjustments.
10. Observation of dash-board meters.
11. Lubrication.
12. Removal of air lock and oil block.

K. FIRST-AID

1. Introduction to first-aid.
2. Outline of first-aid.
3. Structure and functions of the body.
4. Dressings and bandages.
5. The circulation of the blood.
6. Wounds and haemorrhage.
7. Haemorrhage from special regions.
8. Shock.
9. Respiration.
10. Injuries to bones.
11. Burning scales.
12. Unconsciousness (insensibility).
13. Poisons.

⁵⁶[(2) The lessons for training drivers of non-transport vehicles shall cover Parts A, B, C, F, G and K of the syllabus referred to in sub-rule (1) and the training period shall not be less than twenty-one days:

Provided that in case of motor cycles, it shall be sufficient compliance with the provisions, if portion of Part C of syllabus as applicable to such vehicles are covered.

56. Substituted by G.S.R. 933(E) dated 28.10.1989 for Sub-Rr. (2), (3) and (4) w.e.f. 28.10.1989

(3) The lessons for training drivers of transport vehicles shall cover Parts E, F, G, H, I, J and K of the syllabus referred to in sub-rule (1) and the training period shall not be less than thirty days:

Provided that this sub-rule shall not apply in respect of drivers holding driving licence to drive medium goods vehicle or medium passenger motor vehicle who had undergone the lessons after the commencement of this rule, and desiring to obtain a driving licence to drive heavy goods vehicle or heavy passenger motor vehicle.

(4) The actual driving hours for trainees in driving non-transport vehicles shall not be less than ten hours and actual driving hours for trainees in driving transport vehicles shall not be less than fifteen hours:

Provided that in the case of drivers holding driving licence to drive medium goods vehicle or medium passenger motor vehicles undergoing training for heavy motor vehicles, it shall be sufficient if they undergo training in driving for a period of not less than five hours.

⁵⁷[(5) Nothing in this rule shall apply in the case of an applicant whose driving licence authorises him to drive a motor cycle or a three-wheeler non-transport vehicle or a motor car, applying for a licence to drive a motor cab of the respective type, or in the case of an applicant holding a driving licence to drive a tractor, applying for a licence to drive a tractor-trailer combination.]

(6) Where any trainee possesses first-aid certificate issued by St. John Ambulance Association, he need not undergo Part K of the syllabus referred to in sub-rule (1).]

⁵⁸[**31-A. Temporary licence.**—(1) Where there is no school or establishment as is referred to in sub-section (4) of section 12 or granted a licence under sub-rule (4) of rule 24, in any Taluk within the jurisdiction of the licensing authority, the licensing authority may, notwithstanding anything contained in sub-rules (3) and (4) of rule 24 or rule 25, grant a temporary licence to any establishment or any person for imparting instructions in the driving of a transport vehicle, subject to the following conditions, namely:—

(a) the temporary licence shall be valid for a period of one year from the date of its issue: Provided that as long as the Taluk does not have any school or establishment, the licensing authority may renew a temporary licence granted under this sub-rule for a further period not exceeding one year at a time;

(b) the person imparting instructions in the driving of a transport vehicle shall possess the following qualifications, namely:—

(i) a minimum driving experience of five years in the class of vehicles in which instructions are proposed to be imparted;

(ii) adequate knowledge of the regional language of the region in which the school or establishment is situated;

(iii) thorough knowledge of traffic signs specified in the Schedule to the Act and the Regulations made under section 118;

(iv) ability to demonstrate and explain the functions of different components and parts of a vehicle;

⁵⁷ Substituted by G.S.R. 338(E), dated 26-3-1993 (w.e.f. 26-3-1993).

58. Inserted by G.S.R. 933(E), dated 28.10.1989 (w.e.f. 28.10.1989)

(c) the applicant shall maintain a motor vehicle each of the type in which the instruction is imparted and also the following apparatus, namely:—

- (i) a blackboard;
- (ii) traffic sign chart;
- (iii) a service chart depicting a detailed view of all the components of a motor vehicle;
- (iv) puncture kit with tyre lever, wheel brace, jack;
- (v) spanners (a set each of fixed spanners, box spanners, screw driver, screw spanners and hammer).

(2) The driving schools run by a State Transport Undertaking or an Industrial Training Institute set up by the Central Government or any State Government and other establishments run by the Central Government or a State Government which have facilities for imparting training for drivers, shall be authorised to issue driving certificates in Form 5, subject to the condition that the training imparted in these schools shall be in accordance with the syllabus referred to in rule 31.]

32. Fees.—The fees which shall be charged under the provisions of this Chapter shall be as specified in the Table below:—

⁵⁹[TABLE

Serial No.	Purpose	Amount	Rule	Section
(1)	(2)	(3)	(4)	(5)
1.	In respect of issue ^{59a} [****] of learner's	Thirty rupees	10	8
2.	In respect of issue of a driving licence in	Forty rupees	14(b)	9
⁶⁰ [2-A.	In respect of issue of International Driving Permit in Form 6-A	Five hundred rupees	14(2)(b)	9]
3.	In respect of issue of a driving licence in Form 7.	⁶¹ [Two hundred rupees] including the cost of computerized chip	14(b)	9

⁵⁹ Substituted by G.S.R. 221(E), dated 28-3-2001 (w.e.f. 28-3-2001). Earlier the Table was substituted by G.S.R. 76(E), dated 31-1-2000 (w.e.f. 31-1-2000). Before that the Table was substituted by G.S.R. 684 (E), dated 5-10-1999 (w.e.f. 22-10-1999).

^{59a} The words "or renewal" omitted by G.S.R. 276(E), dated 10.4.2007 (w.e.f. 10.4.2007)

⁶⁰ Inserted by G.S.R. 720(E), dated 10-9-2003 (w.e.f. 10-10-2003).

⁶¹ Substituted by G.S.R. 400(E), dated 31-5-2002, for "One hundred and fifty rupees" (w.e.f. 31-5-2002).