

**CAMBRIDGE INTERNATIONAL EXAMINATIONS**

Cambridge International General Certificate of Secondary Education

**MARK SCHEME for the May/June 2015 series**

**0417 INFORMATION AND COMMUNICATION  
TECHNOLOGY**

**0417/21**

Paper 2 (Practical Test A), maximum raw mark 80

This mark scheme is published as an aid to teachers and candidates, to indicate the requirements of the examination. It shows the basis on which Examiners were instructed to award marks. It does not indicate the details of the discussions that took place at an Examiners' meeting before marking began, which would have considered the acceptability of alternative answers.

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Logo 2.5cm high, on right in header no overlap 1 mark

Data entry 100% accurate, right aligned 1 mark  
30pt, serif, bold 1 mark



# COARSE FISHING IN THE UK

## Beginners guide by: Candidate Name

Angling is the sport of catching fish with a rod, reel, line and a wide range of baits or lures such as artificial flies. It is one of the most popular sports in the UK. Anglers must be aware of the conventions, rules, licensing restrictions and local laws. Anglers must become familiar with these.

Data entry 100% accurate, centre aligned 1 mark  
16pt serif, italic, underlined (no other emphasis) 1 mark

Fishing can be a means of providing food for survival. Throughout the history of fishing, various fishing methods and species of fish. These fishing variations have developed into technical skills that may be specific to the type of water in which an angler will be fishing or the kind of fish targeted.

Replace 3 instances of **regulations** with **rules** 1 mark

2 columns, 2cm col spacing 1 mark

### Types of Angling

### PERMISSION TO FISH

Coarse fishing is the most common type of angling in the UK.

A rod licence does not give the automatic right to fish on any river, lake or canal. Permission must be obtained from whoever owns or rents the fishing rights. This is usually the adjacent landowner or an angling club. Not all owners allow fishing on their waters and some restrict fishing to certain times of the year.

**Body text**  
Section break above heading 1 mark  
11pt, sans-serif font 1 mark  
Single line space, fully justified 1 mark

**All Subheadings**  
Centre aligned, 14pt, serif, underlined 1 mark

**Table**  
3x8 table, correct position within column width 1 mark  
Data entry 100% accurate 2 mark  
Top row cells merged, heading centred 1 mark  
Top row only bold and underlined 1 mark  
Second row only, italic, right aligned, text wrapped, no split words 1 mark  
Text matches body text 1 mark  
Text on one line (rows 3-8), numbers right aligned 1 mark  
No gridlines displayed 1 mark

### Close Season

The close season is from 15 March to 15 September. This applies to all rivers, streams and canals. The close season does not apply to most stillwaters. Changes in the close season mean that the coarse fishing close season does not apply to most canals. Anglers and angling clubs are free to fish during the close season through their club or organisation. Check with individual clubs.

### ROD LICENCE PRICES

### Fish Welfare

	Freshwater fish	Salmon and sea trout
Full season	£27.00	£72.00
Seniors	£18.00	£48.00
Juniors (12 to 16)	£5.00	£5.00
Children under 12	Free	Free
8 day	£10.00	£23.00
1 day	£3.75	£8.00

**Footer**  
Candidate name & Candidate number right aligned 1 mark

**Footer**  
Filename and full path left aligned 1 mark

File name and full path Candidate name, Candidate number



## Getting Started

All fish are covered with a protective layer of slime which acts as a defence against parasitic infections, bacteria and other diseases that a fish may contract. To avoid removing this protective coating always wet your hands before handling the fish and never use a cloth to hold a fish.

Never throw a fish back into the water. Get close to the water to release the fish and let it swim away. If it is a large fish such as Barbel, it may have tired itself out whilst being caught. In this case, hold the fish in the water facing the current until it is ready to swim away. Moving the fish backwards and forwards can aid its recovery.

Beginners should start with a stillwater pond or lake for their first fishing trip with a fishing depth of around 6 feet. Most fishing waters have an owner or are controlled by a fishing club and you must have permission to fish the water. Many angling clubs allow you to purchase a day permit which can cost from £3.00 upwards. Suitable starter venues include:

Location	Venue_Name	Day_Permit
CLEVELAND	CHARLTON'S PONDS	£3.50
KENT	HAYSDEN LAKE	£3.80
SOMERSET	MARSTON LAKE	£4.00
EAST LONDON	ORNAMENTAL POND	£4.20
EAST LONDON	PERCH POND	£4.30
OXON	HEYFORD LAKES	£4.35
LANCASHIRE	ABBAY LAKE	£4.50

## Freshwater Fish

Common types of freshwater fish include:

- Barbel
- Bream
- Carp
- Eels
- Perch
- Pike
- Roach
- Tench

### Bullets

- List sorted alphabetically 1 mark
- Bullets applied to list 1 mark
- Bullets indented to 2cm 1 mark

to follow a fishing club's rules, return all your fishing gear to the club and take all your litter home with you. All soon be hooked!

Canals usually contain a variety of freshwater fish and are suitable for 'mixed coarse fish'. Bream and carp are common species, but some larger fish such as pike and perch are also found. Larger fish are called 'predators' because they eat smaller fish. Ponds and reservoirs are stocked with fish for angling often with a few species such as carp, bream and tench.

Non-native fish pose a real threat to the wider environment. Some species, such as the well-known carp, have been introduced to provide an additional attraction for anglers. Where these are legally stocked in the right waters they can have a devastating effect on the native catch any non-native species should be removed immediately.

### Database extract

- Inserted in correct place as table with no title 1 mark
- Venue\_Name contains Lake or Pond 1 mark
- Day\_Permit is <=£4.50 1 mark
- Depth is <6 1 mark
- Ascending order of Day\_Permit 1 mark
- Fields Location, Venue\_Name, Day\_Permit only, in order and all data correct, no split words and fully visible 1 mark

### Page layout

- Consistent spacing with 11pt line space above/below items 1 mark
- No widows or orphans, no split tables or lists, no blank pages 1 mark
- Document complete/paragraphs intact 1 mark

## West Country Venues

**Title**  
Correct, 100% accurate 1 mark

**Candidate details top right** 1 mark  
Name, Centre number, Candidate number

Venue_Name	Location	Telephone	Night_Fishing	Date_Opened	Best_Fish	Day_Permit	Season_Permit	Week_Permit
BOLINGEY LAKES	CORNWALL	0872 573247	Yes	04-Jul-95	CARP	£7.00	£85.00	£35.00
GOONHAVEN LAKE	CORNWALL	0872 540590	Yes	30-Oct-96	CARP	£5.00	£55.00	£25.00
WHEAL GREY	CORNWALL	0736 365638	Yes	10-Mar-97	CARP	£6.00	£45.00	£30.00
ABBROOK POND	DEVON	0392 256770	Yes	08-May-95	CARP	£5.00	£45.00	£25.00
EDDISON POND	DEVON	0626 364173	Yes	10-May-96	CARP	£6.00	£50.00	£30.00
LUCCOCK POND	DEVON	0647 61088	Yes	23-Jun-99	CARP	£6.00	£100.00	£30.00
RACKEY POND	DEVON	0626 364173	Yes	04-Jan-00	CARP	£6.00	£55.00	£30.00
ROCOMBE PONDS	DEVON	0803 328652	Yes	02-Dec-96	CARP	£6.00	£60.00	£30.00
SPRINGS PONDS	DEVON	0803 328652	Yes	25-Aug-00	CARP	£5.00	£45.00	£25.00
SQUABMOOR RESERVOIR	DEVON	0837 871565	Yes	01-Sep-00	CARP	£5.50	£90.00	£27.50
TIVERTON CANAL	DEVON	0884 242275	Yes	28-Jun-95	PIKE	£5.00	£39.00	£25.00
TIVERTON PASS	DEVON	0884 256721	Yes	17-Jun-95	CARP	£5.00	£28.00	£25.00
UPHAM FARM	DEVON	0395 232247	Yes	15-Jun-00	CARP	£6.00	£65.00	£30.00
CRANBORNE FRUIT FARM	DORSET	0425 614582	Yes	22-Dec-95	PIKE	£8.00	£65.00	£40.00
DORSET STOUR	DORSET	0202 485169	Yes	28-Mar-96	CARP	£7.00	£120.00	£35.00
MUDEFORD WOOD LAKE	DORSET	0202 485169	Yes	02-Aug-99	CARP	£7.00	£47.00	£35.00
RADIPOLE LAKE	DORSET	0305 782624	Yes	06-Jan-00	CARP	£5.50	£49.80	£27.50
TODBER MANOR	DORSET	0258 820384	Yes	02-Jul-95	PIKE	£5.00	£75.00	£25.00
RIVER PIDDLE	DORSET	0929 550540	Yes	12-Aug-99	CARP	£6.50	£55.50	£32.50
MILEMEAD	DEVON	0822 610888	Yes	04-Aug-99	PIKE	£7.00	£115.00	£35.00
RIVER CULM	DEVON	0647 24566	Yes	09-May-00	PIKE	£5.00	£45.00	£25.00

RIVER CAMEL deleted 1 mark

3 records added, 100% accurate 3 marks  
Specified fields in correct order 1 mark  
Landscape, all data fully visible, fits on one page 1 mark

**Search**  
*Location* = Devon, Cornwall or Dorset 1 mark  
*Best\_Fish* = Carp or Pike 1 mark  
*Night\_Fishing* = Yes 1 mark

**Calculated field**  
Heading 100% accurate 1 mark  
Correct values 1 mark  
Formatted as £ to 2 decimal places consistently 1 mark

**Formatting**  
*Day\_Permit* and *Season\_Permit* formatted as £ to 2 decimal places consistently 1 mark  
*Date\_Opened* formatted dd-mmm-yy 1 mark  
*Night\_Fishing* displayed as Yes/No 1 mark

# Capital Season Tickets

**Title**

Correct, 100% accurate 1 mark

Location	Venue_Name	Best_Fish	Day_Permit	Season_Permit
EAST LONDON	HARWOOD HALL	ROACH	£5.50	£70.00
EAST LONDON	PERCH POND	PIKE	£4.30	£55.00
EAST LONDON	ORNAMENTAL POND	PIKE	£4.20	£55.00
EAST LONDON	MAYES WOOD PARK LAKES	PIKE	£6.00	£49.00
EAST LONDON	BEDFORD LAKES	PERCH	£6.00	£45.00
EAST LONDON	RIVER LEA	PERCH	£4.50	£45.00
NORTH EAST LONDON	COPPEL LAKES	PERCH	£8.00	£115.00
NORTH EAST LONDON	JUNIOR LAKES	PERCH	£8.00	£115.00
NORTH LONDON	JACKSON LAKES	PERCH	£6.00	£60.00
NORTH LONDON	LEA NAVIGATION	PERCH	£4.50	£50.00
NORTH LONDON	RIVER LEA NAVIGATION	PERCH	£4.50	£50.00
OXON	MILTON POOLS	PIKE	£8.25	£150.00
OXON	LINCH HILL	CARP	£13.00	£90.00
OXON	MANOR LAKE	PERCH	£7.00	£75.00
OXON	HEYFORD LAKES	PERCH	£4.35	£60.00
OXON	STATE'S LAGOON	PERCH	£7.00	£60.00
OXON	DORCHESTER LAKE	PERCH	£5.00	£47.00
OXON	RIVER WINDRUSH	ROACH	£7.00	£47.00
OXON	CLATTERCOTE RESERVOIR	PIKE	£7.00	£45.00
SOUTH LONDON	BURGESS PARK	CARP	£4.00	£55.00
WEST LONDON	THE CUTTING	PIKE	£5.00	£70.00
WEST LONDON	COWLEY LAKE	PERCH	£8.00	£70.00
WEST LONDON	BEDFONT LAKE	BREAM	£5.50	£65.00
Name, Centre number, Candidate number			Average cost	£67.09

**Search**

Location = Oxon

1 mark

**OR**

\*London\*

1 mark

Season\_Permit is >=£45.00

1 mark

Sorted by *Location* ascending, then  
 sorted by *Season\_Permit* descending  
 Specified fields in correct order  
 Portrait. all data fully visible. fits single page wide

1 mark

1 mark

1 mark

Calculated field Average of *Season\_Permit*

1 mark

Below *Season\_Permit* field, formatted as £  
 to 2 decimal places

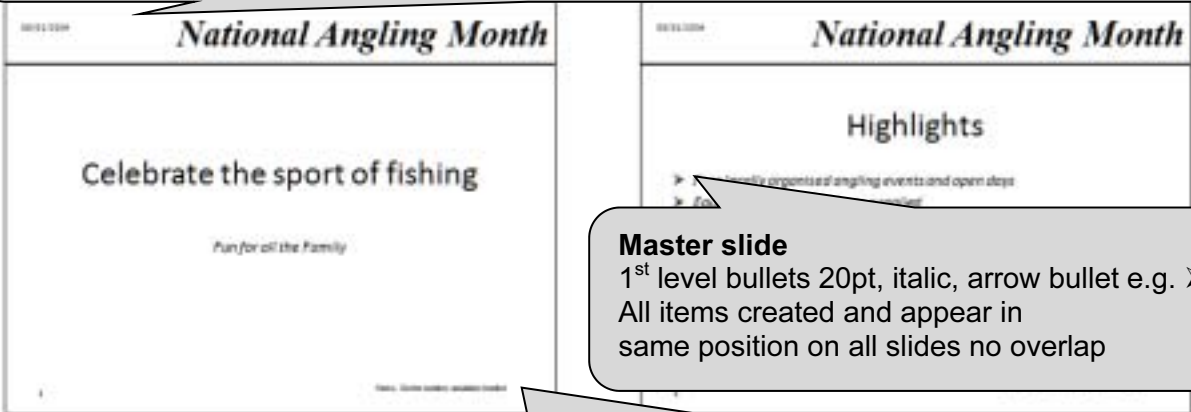
1 mark

Label 100% accurate to left of calculated field

1 mark

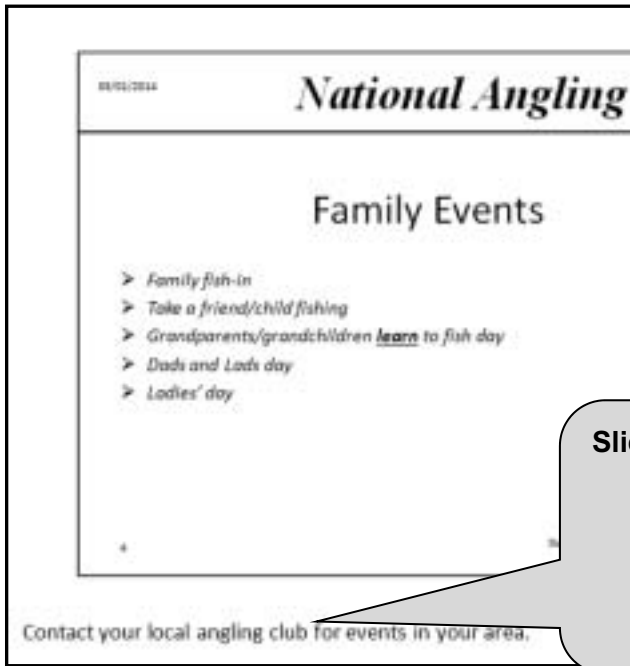
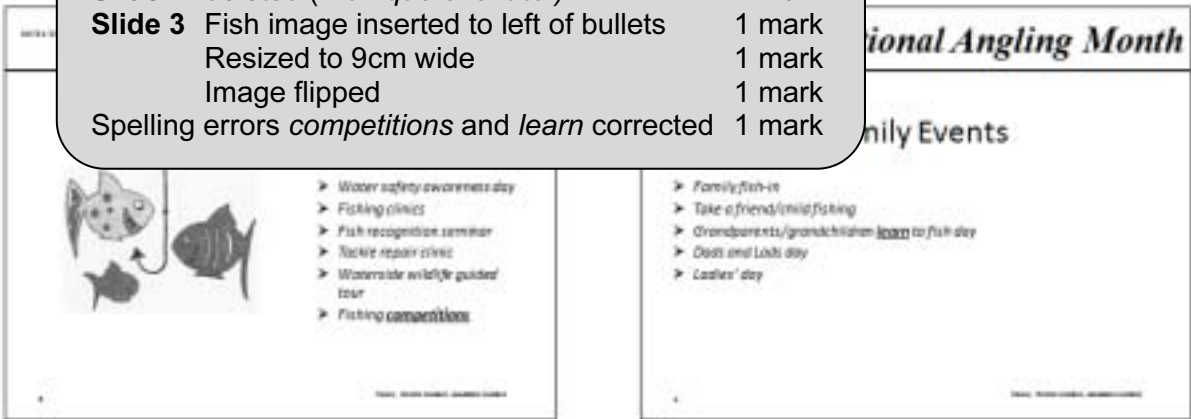
Page 6	Mark Scheme	Syllabus	Paper
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**Master slide**  
Text *National Angling Month*, 48pt, italic, serif, top right aligned, no text wrap 1 mark  
3pt to 4pt horizontal line across full width of slide, below title 1 mark  
Auto date in top left corner, auto slide number bottom left 1 mark  
Candidate Name. Centre number. candidate number. 10pt. serif. in bottom right corner 1 mark



**Master slide**  
1<sup>st</sup> level bullets 20pt, italic, arrow bullet e.g. ➤ 1 mark  
All items created and appear in same position on all slides no overlap 1 mark

Import slides correctly, no blank slides 1 mark  
**Slide 1** layout changed to centred title & subtitle 1 mark  
**Slide 2** deleted (*A unique event to:*) 1 mark  
**Slide 3** Fish image inserted to left of bullets 1 mark  
Resized to 9cm wide 1 mark  
Image flipped 1 mark  
Spelling errors *competitions* and *learn* corrected 1 mark



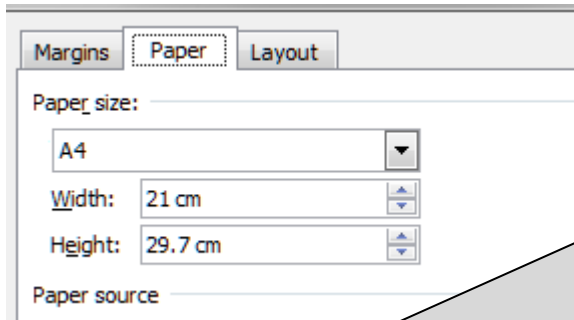
**Print**  
Slides printed as hand outs four to page and Slide 4 printed as single slide with notes 1 mark

**Slide 4** Speaker notes entered accurately and in correct position 1 mark

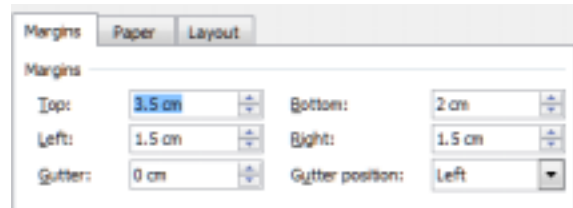
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**EVIDENCE DOCUMENT**

Step 4 Paper size screen shot evidence



Step 5 Margin screen shot evidence:



**Screenshots of settings for Page layout of information sheet**  
 A4 and Portrait 1 mark  
 Margins top 3.5cm, bottom 2cm, left & right 1.5cm 1 mark

Step 30 Database field structure screen shot

Field Name	Data Type
Venue_Name	Text
Location	Text
Telephone	Text
Best_Fish	Text
Day_Permit	Currency
Season_Permit	Currency
Acres	Number
Depth	Number
Date_Opened	Date/Time
Night_Fishing	Yes/No

**Database structure**  
 Correct field names and data types as given 1 mark  
*Night\_Fishing* Boolean/logical with Yes/No set in design 1 mark